

Polar Operational Environmental Satellites

CCR Status

Open records - Status= A H P

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|-------------|----------------------------|---|------------------------------------|--------------------------------|-----------------------------|--|
| CCR1086 A | NOAA-KLM A-DCS | DCS-2 ANTENNA SPECIFICATION CHANGE | MENTALL, J. MENTALL, J. | 10/28/1991 11/25/1991 | A 1 | APPROVED. |
| CCR1175 | NOAA-KLM | UPGRADE ATNAGE DATA INGEST CAPABILITY | HALTERMAN, K. HALTERMAN, K | 07/22/1993 07/29/1993 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART NEGOTIATE PROPOSAL 1N SUBMITTED 9/30/95. |
| CCR1236 B | NOAA-LMNN' AVHRR | AVHRR RATE OF CHANGE | HALTERMAN, K CMO | 01/16/2001 04/02/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE AVHRR UIIS. |
| | METOP AVHRR | AVHRR RATE OF CHANGE | HALTERMAN, K CMO | 01/16/2001 04/02/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE AVHRR UIIS. |
| CCR1450 | NOAA-L AMSU-A | SBUV ANOMALY INVESTIGATION - 2ND NOAA-L T/V | MENTALL, J BECKER, J | 01/07/1997 01/07/1997 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE MOD. IN ORDER TO RESOLVE OPEN TECHNICAL DISCREPANCY REPORTS L0102, L0078, AND L0080, AND TO ENSURE THE GFE SBUV FLIGHT MODEL 3 AND AMSUA1 AND A2 ARE SUITABLE FOR USE ON NOAA L NEED TO COMPLETE SUCCESSFUL T/V TEST. |
| CCR1451 | NOAA-L AMSU-A | AMSU-A1 & A2 ANOMALY INVESTIGATION- 2ND NOAA-L T/V | KRIMCHANSKY, S. STEWART, G. | 01/08/1997 01/08/1997 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART NEGOTIATE PROPOSAL 4A SUBMITTED 1/09/97 AND ISSUE BILATERAL MOD. |
| CCR1481 | NOAA-KLMNN' | JPL/MO BATTERIES | AZARBARZIN, A STEWART, G | 05/13/1997 05/13/1997 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE MOD. |
| CCR1493 | NOAA-KLMNN' HIRS | HIRS CONDUCTED EMISSIONS WAIVER 93 | RICHARDSON, C FASULA, J | 07/18/1997 | H 1 | ON HOLD PENDING NOAA-N T/V TESTING. |
| CCR1495 | NOAA-KLMNN' | ADMINISTRATIVE CHANGE TO PROVIDE FUNDING FOR LMMS CLAIMS | AZARBARZIN, A STEWART, G | 07/22/1997 07/22/1997 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART PROPOSALS 3F AND 4K IN NEGOTIATIONS. |

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| CCR1501 A | NOAA-KLMNN' HIRS | HIRS UIS UPDATE FOR INCORPORATION OF HIRS/4 REQUIREMENTS AND REORG TO SHOW HIRS/2,/2I,&/3 REQUIREMENTS | RICHARDSON, C STEWART, G | 04/20/1998 10/23/1998 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE HIRS UIIS. THIS IS AN ADDENDUM TO CCR 1501. CCRs 1501 AND 1501A ARE APPROVED WITH CHANGE. COST IS CHANGED TO (SEE CCR FILE) FOR LMMS NAGE UPDATE AND UPDATED MASS/LOADS ANALYSIS (6 MAN-WEEK EFFORT). |
| CCR1502 | NOAA-KLMNN' | ADMINISTRATIVE CHANGE TO PROVIDE FUNDING FOR LMMS CLAIM PROPOSAL 3O | AZARBARZIN, A STEWART, G | 09/04/1997 09/05/1997 | A 2 | APPROVED-OPEN ACTIONS: 1-STEWART NETOTIATE PROPOSAL 3O AND ISSUE BILATERAL MOD. |
| CCR1521 | NOAA-M HIRS | WAIVER FOR TDR K1504, K1505,& K1506 (HIRS H303 FAILURE TO MEET RIPPLE CURRENT SPEC ON 28V MAIN BUS, 10V | RICHARDSON, C STEWART, G | 11/24/1997 02/11/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE MOD. 6/15/00: PROVIDED CHANGE PAGES TO CONTRACTS AWAITING CONTRACT MOD. THIS CCR IS APPROVED PER LMMS MEMO REFERENCE NO. 26241. |
| CCR1528 | NOAA-L,M DTR | DTR CABLE DITMCO WAIVER | CARDONE, J WHYTE, C | 12/11/1997 12/11/1997 | A 2 | APPROVED-OPEN ACTIONS: 1-HAMMOND ISSUE MOD TO NAS5-32911. 2-CMO COMPLETE TECH PUBS TO S-480-33 TO ADD WAVER TO PARAGRAPH 8.10.3. |
| | NOAA-L,M SSR | DTR CABLE DITMCO WAIVER | CARDONE, J WHYTE, C | 12/11/1997 12/11/1997 | A 2 | APPROVED-OPEN ACTIONS: 1-HAMMOND ISSUE MOD TO NAS5-32911. 2-CMO COMPLETE TECH PUBS TO S-480-33 TO ADD WAVER TO PARAGRAPH 8.10.3. |

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| CCR1534 | NOAA-KLMNN' | ADMINISTRATIVE CHANGE TO PROVIDE FUNDING FOR LMMS CLAIMS TO PROPOSALS 3I, 3J, 3M, AND 4D | AZARBARZIN, A STEWART, G | 02/06/1998 02/10/1998 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART PROPOSAL 4D BEING NEGOTIATED. |
| CCR1540 | NOAA-KLMNN' | ADMINISTRATIVE CHANGE TO PROVIDE FUNDING FOR LMMS CLAIM TO PROPOSAL 3L | AZARBARZIN, A STEWART, G | 02/26/1998 07/02/1998 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART TO NEGOTIATE PROPOSAL 3L SUBMITTED 2/20/98. MOD 295 AND 326 RECEIVED. |
| CCR1582 A | NOAA-L,N DCS-2 | DCS-2 UIIS UPDATE | MENTALL, J STEWART, G | 09/29/2000 12/06/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE DCS-2 UIIS. 2-STEWART ISSUE MOD. |
| CCR1583 B | NOAA-LMNN' SARP-2 | SARP-2 UIIS UPDATE | MENTALL, J STEWART, G | 09/29/2000 12/06/2000 | A 1 | APPROVED-OPENACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE SARP-2 UIIS. 2-STEWART TO ISSUE MOD |
| CCR1586 A | NOAA-N SEM | SEM F3 EMI CONDUCTED EMISSIONS WAIVER | CARDONE, J | 03/16/1999 09/20/1999 | H 1 | ON HOLD PENDING NOAA-N T/V TEST. UPON SUCCESSFUL TEST RESULTS, THIS CCR WILL BE APPROVED WITH CHANGES. |
| CCR1587 | AVHRR | DATA DISTRIBUTION ENHANCEMENTS FOR ITT INSTRUMENTS: AVHRR AND HIRS | RICHARDSON, C | 12/21/1998 03/03/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE RFP/BILATERAL MOD. PROPOSAL BEING NEGOTIATED. APPROVED WITH CHANGES. SOW IS CHANGED PER ITT RECOMMENDATION (SEE ATTACHED CHANGE). |
| | HIRS | DATA DISTRIBUTION ENHANCEMENTS FOR ITT INSTRUMENTS: AVHRR AND HIRS | RICHARDSON, C | 12/21/1998 03/03/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE RFP/BILATERAL MOD. PROPOSAL BEING NEGOTIATED. APPROVED WITH CHANGES. SOW IS CHANGED PER ITT RECOMMENDATION (SEE ATTACHED CHANGE). |

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| CCR1590 | AVHRR | REQUEST FOR DEVIATION/WAIVER NO. 106 AVHRR/3 CONTRACT NAS5-30384 | PSZCOLKA, S MARSHALL, S | 01/11/1999 01/16/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE MOD. 6/15/00: PROVIDED CHANGE PAGES TO CONTRACTS AWAITING CONTRACT MOD. |
| CCR1591 | AMSU-A | AMSU-A TEMPERATURE ADJUSTMENTS (ON NOAA L & M) | KRIMCHANSKY, S WHYTE, C | 01/11/1999 01/12/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-HAMMOND ISSUE BILATERAL MOD. APPROVED WITH CHANGES. ADD TO END OF CCR SECTION 1 "ON NOAA-L&M INSTRUMENTS." |
| CCR1594 B | NOAA-M,N,N' SSR | TIROS-N UNIQUE INTERFACE SPECIFICATION FOR THE SOLID STATE RECORDER UIS 20082617 | CARDONE, J STEWART, G | 08/09/2000 11/01/2000 | A 1 | APPROVED-OPEN ACTION: 1-HAMMOND ISSUE BILATERAL MOD TO NAS5-00118. MOD 420 AND 426 TO NAS5-30350 RECEIVED. MOD 5 TO NAS5-00117 RECEIVED. UIIS SSR UPDATED RECEIVED AND VERIFIED BY POES CM. |
| | NOAA-M,N,N' DTR | TIROS-N UNIQUE INTERFACE SPECIFICATION FOR THE SOLID STATE RECORDER UIS 20082617 | CARDONE, J STEWART, G | 08/09/2000 11/01/2000 | A 1 | APPROVED-OPEN ACTION: 1-HAMMOND ISSUE BILATERAL MOD TO NAS5-00118. MOD 420 AND 426 TO NAS5-30350 RECEIVED. MOD 5 TO NAS5-00117 RECEIVED. UIIS SSR UPDATED RECEIVED AND VERIFIED BY POES CM. |
| CCR1600 | NOAA-LMNN' AVHRR | ALTERNATE SOLVENT FOR CLEANING ELECTRONIC ASSEMBLIES FOR AVHRR & HIRS INSTRUMENTS (ITT WAIVER 105) | PSZCOLKA, S MARSHALL, S | 02/04/1999 04/11/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO PREPARE CHANGE PAGES TO THE AVHRR & HIRS PAR, S-480-29.1 WAIVER TABLE. 2-MARSHALL ISSUE MOD. 6/15/00: PROVIDED CHANGE PAGES TO CONTRACTS AWAITING CONTRACT MOD. |
| | NOAA-LMNN' HIRS | ALTERNATE SOLVENT FOR CLEANING ELECTRONIC ASSEMBLIES FOR AVHRR & HIRS INSTRUMENTS (ITT WAIVER 105) | PSZCOLKA, S MARSHALL, S | 02/04/1999 04/11/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO PREPARE CHANGE PAGES TO THE AVHRR & HIRS PAR, S-480-29.1 WAIVER TABLE. 2-MARSHALL ISSUE MOD. |

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| CCR1600 | | | | | | 6/15/00: PROVIDED CHANGE PAGES TO CONTRACTS AWAITING CONTRACT MOD. |
| CCR1600 | METOP AVHRR | ALTERNATE SOLVENT FOR CLEANING ELECTRONIC ASSEMBLIES FOR AVHRR & HIRS INSTRUMENTS (ITT WAIVER 105) | PSZCOLKA, S MARSHALL, S | 02/04/1999 04/11/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO PREPARE CHANGE PAGES TO THE AVHRR & HIRS PAR, S-480-29.1 WAIVER TABLE. 2-MARSHALL ISSUE MOD. 6/15/00: PROVIDED CHANGE PAGES TO CONTRACTS AWAITING CONTRACT MOD. |
| | METOP HIRS | ALTERNATE SOLVENT FOR CLEANING ELECTRONIC ASSEMBLIES FOR AVHRR & HIRS INSTRUMENTS (ITT WAIVER 105) | PSZCOLKA, S MARSHALL, S | 02/04/1999 04/11/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO PREPARE CHANGE PAGES TO THE AVHRR & HIRS PAR, S-480-29.1 WAIVER TABLE. 2-MARSHALL ISSUE MOD. 6/15/00: PROVIDED CHANGE PAGES TO CONTRACTS AWAITING CONTRACT MOD. |
| CCR1609 | AMSU-A | AMSU-A SHIP IN PLACE, STORAGE AT AEROJET AND DELIVERY OF SPARES | KRIMCHANSKY, S WHYTE, C | 03/11/1999 04/14/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO COMPLETE CHANGE PAGES TO AMSU SOW. 1-HAMMOND ISSUE BILATERAL MOD. APPROVE WITH CHANGES. CHANGES PER J. BANISZEWSKI AND AEROJET WILL BE INCORPORATED (SEE ATTACHED COMMENTS AND CHANGE PAGES). |
| CCR1614 | NOAA-L AVHRR | ITT WAIVER #109: WIRE SPLICE ON MPS/SWR INTERFACE | PSZCOLKA, S MARSHALL, S | 03/23/1999 03/24/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO PREPARE CHANGE PAGES. 1-MARSHALL ISSUE MOD. 6/15/00: PROVIDED CHANGE PAGES TO CONTRACTS AWAITING CONTRACT MOD. |
| CCR1617 | EOS AMSU-B | AMSU-B EM UPGRADE SOW CHANGE | GOLDBERG, H WALKER, C | 03/30/1999 04/23/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-HAMMOND ISSUE RFP AND BILATERAL MOD. |

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| CCR1617 | | | | | | APPROVED WITH CHANGE. PROCUREMENT ACTION IS CHANGED TO "RFP." EOS CCR NO. 442-12-18-003 |
| CCR1618 A | METOP AVHRR | ADD METOP ICD AS APPLICABLE DOCUMENT IN AVHRR AND HIRS SPECIFICATION | RICHARDSON, C MARSHALL, S | 05/07/1999 06/30/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO COMPLETE TECH PUBS ON AVHRR AND HIRS PERF SPEC AND SOW. APPROVE WITH CHANGES. HETM FOR HIRS IS TO BE ADDED TO THE CCR AND PER ITT NEW SECTION 6.3.1.3 IS ADDED TO BOTH THE HIRS AND AVHRR PERFORMANCE SPECS. |
| | METOP HIRS | ADD METOP ICD AS APPLICABLE DOCUMENT IN AVHRR AND HIRS SPECIFICATION | RICHARDSON, C MARSHALL, S | 05/07/1999 06/30/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO COMPLETE TECH PUBS ON AVHRR AND HIRS PERF SPEC AND SOW. APPROVE WITH CHANGES. HETM FOR HIRS IS TO BE ADDED TO THE CCR AND PER ITT NEW SECTION 6.3.1.3 IS ADDED TO BOTH THE HIRS AND AVHRR PERFORMANCE SPECS. |
| CCR1626 | MHS | RADIATED EMISSIONS WAIVER FOR MHS | GOLDBERG, H GOLDBERG, H | 04/14/1999 | H 1 | ON HOLD-OPEN ACTIONS: 1-GOLDBERG VERIFY POSITIVE EMI TEST RESULTS AND NOTIFY CM OFFICE. 2-CMO TO SUBMIT CCB DIRECTIVE FOR APPROVAL AFTER POSITIVE EMI TEST RESULTS ARE VERIFIED BY TECH LEAD. PENDING LMMS EMI TESTING OF NOAA-N. UPON SUCCESSFUL TEST RESULTS, THIS CCR WILL BE APPROVED. |
| CCR1628 | NOAA-KLMNN' HIRS | HIRS TIMING | RICHARDSON, C STEWART, G | 05/04/1999 | P 1 | TECH LEAD NEEDS TO RESOLVE ITT/LMSSC ISSUES. TELECON SET FOR 6/29/01. 6/7/00: HALTERMAN TO DISCUSS A TELECON BETWEEN |

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| CCR1628 | | | | | | MARVIN CANDIE & GSFC. 5/15/00: ATTEMPTING TO SCHEDULE A TELECON BETWEEN GSFC AND LMSSC. 9/8/99: RICHARDSON TO REWRITE CCR AS A WAIVER/DEVIATION FOR ALL HIRS INSTRUMENTS "NOAA-K THRU N' ". |
| CCR1629 | HIRS | HIRS CONDUCTED EMISSIONS WAIVER 92A | RICHARDSON, C RICHARDSON, C. | 05/07/1999 02/12/2000 | H 1 | ON HOLD PENDING NOAA-N T/V TEST. APPROVAL WITH CHANGE IS CONTINGENT ON POSITIVE NOAA-N THERMAL VACUUM TEST RESULTS FROM LMMS. SUPERSEDES CCR 1492-ONCE PLACED ON HOLD CCR 1492 WILL BE WITHDRAWN. |
| CCR1639 | NOAA-N' HIRS | HIRS CENTER FREQUENCY WAIVER 112 | RICHARDSON, C MARSHALL, S | 06/01/1999 06/17/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO PREPARE CHANGES PAGES TO HIRS PERF. SPEC WAIVER TABLE. 2-MARSHALL ISSUE MOD. 6/15/00: PROVIDED CHANGE PAGES TO CONTRACTS AWAITING CONTRACT MOD. |
| CCR1644 | | ITT WAIVER #113 A301 .9984 MHZ CLOCK PHASING | PSZCOLKA, S MARSHALL, S | 06/04/1999 09/23/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-GLOCKNER VERIFY STATUS OF CHANNEL 5 IN PIXEL 2048. 2-PSZCOLKA NOTIFY USERS OF POTENTIAL ERRONEOUS DATA IN CHANNEL 5 OF PIXEL 2048. 3-PSZCOLKA WRITE A NEW CCR TO PROVIDE CORRECT FIGURE 2 TIMING DIAGRAM. |
| CCR1647 | METOP AVHRR | ITT WAIVER #108: ALTERNATIVE SOLVENT FOR CLEANING OF ELECTRONIC ASSEMBLIES (ENSOLV CWA) | RICHARDSON, C RICHARDSON, C | 06/25/1999 08/11/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO MODIFY AVHRR/HIRS PAR, S-480-29.1 DEVEIATION AND WAIVER TABLE. |

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| CCR1647 | METOP HIRS | ITT WAIVER #108: ALTERNATIVE SOLVENT FOR CLEANING OF ELECTRONIC ASSEMBLIES (ENSOLV CWA) | RICHARDSON, C RICHARDSON, C | 06/25/1999 08/11/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO MODIFY AVHRR/HIRS PAR, S-480-29.1 DEVEIATION AND WAIVER TABLE. |
| CCR1650 | NOAA-KLMNN' | BTX BIT-ASYMMETRY DEFINITION CLARIFICATION | GLOCKNER, S STEWART, G | 06/30/1999 02/12/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO BTX PERF. SPEC. 2-CMO PREPARE CHANGE PAGES TO PERF SPEC, S-480-25.1. THIS CCR IS APPROVED WITH CHANGES. PER LMMS' AND S. GLOCKNER'S RECOMMENDATIONS THE PERF. SPEC. SECTION 3.6.1.5e IS MODIFIED SEE ATTACHED RED-LINE. |
| CCR1669 B | NOAA-M,N,N' DTR | SSR/DTR SERVICES SOW CHANGES | CARDONE, J HAMMOND, B. | 01/17/2001 01/19/2001 | A 1 | APPROVE-OPEN ACTIONS: 1-HAMMOND ISSUE MOD TO NAS5-00118. |
| | NOAA-M,N,N' SSR | SSR/DTR SERVICES SOW CHANGES | CARDONE, J HAMMOND, B. | 01/17/2001 01/19/2001 | A 1 | APPROVE-OPEN ACTIONS: 1-HAMMOND ISSUE MOD TO NAS5-00118. |
| CCR1671 | NOAA-M | DEVIATION FOR GROUND STATION COMPATIBILITY TEST SUPPORT FOR NOAA-M THERMAL VACUUM TEST | HALTERMAN, K STEWART, G | 09/17/1999 10/13/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO COMPLETE TECH PUBS ON SOW. 2-STEWART ISSUE CONTRACT MOD. AWAITING CM CHANGE PAGES FOR SOW WAIVER/DEVIATION TABLE CONTRACT MOD. |
| CCR1681 | NOAA-KLMNN' | GFE AVHRR THERMAL VACUUM CHAMBER REPAIR AND CLEANING | RICHARDSON, C PSZCOLKA, S MARSHALL, S. | 10/13/1999 04/19/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE DIRECTION/BILATERAL MOD. APPROVED WITH CHANGES. CCR BLOCK 3 IS CHANGED TO "CO DIRECTION." |
| | METOP | GFE AVHRR THERMAL VACUUM CHAMBER REPAIR AND CLEANING | RICHARDSON, C PSZCOLKA, S MARSHALL, S. | 10/13/1999 04/19/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE DIRECTION/BILATERAL MOD. APPROVED WITH CHANGES. CCR BLOCK 3 IS CHANGED TO "CO DIRECTION." |

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| CCR1701 | NOAA-KLMNN' | ADMINISTRATIVE CHANGE TO PROVIDE FUNDING FOR LMMS CLAIMS TO PROPOSALS 103979-5Q AND 103979-5R | HALTERMAN, K STEWART, G | 01/10/2000 01/21/2000 | A 1 | APPROVE-OPEN ACTIONS: 1-STEWART NEGOTIATE PROPOSALS 5Q AND 5R AND ISSUE MOD. AWAITING PROPOSAL 5Q NEGOTIATIONS. PROPOSAL 5R IS COMPLETE AS OF 4/11/01. |
| CCR1715 | NOAA-KLMNN' SARR | SARR FM13 EMI WAIVER EMS #RFW-SAR-007 | MENTALL, J STEWART, G | 02/11/2000 03/14/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE SARR UIIS ARE INCORPORATED. |
| CCR1740 A | AMSU-A | AMSU-A POST PRODUCTION SUPPORT (REVISED CCR FOR ONE YEAR OF SUPPORT) | KRIMCHANSKY, S | 12/08/2000 12/12/2000 | A 1 | APPROVED-OPEN ACTION: 1-CMO MODIFY THE AMSU A1 SOW TO INCORPORATE CHANGES. |
| CCR1743 A | METOP AVHRR | METOP PROGRAM STRUCTURAL MODIFICATION RFP | RICHARDSON, C MARSHALL, S | 06/29/2000 06/29/2000 | A 1 | APPROVED-OPEN: 1-MARSHALL ISSUE PR/RFP. PROPOSAL SUBMITTED TO NASA 8/28/00. C. RICHARDSON, SECT. 6.3 OF THIS CCR WILL BE OMITTED (SINCE IT WAS DELETED IN EXCEPTIONS OF ICD GSFC-S-480-131/132) IF THIS EFFORT REACHES NEGOTIATIONS AND IS PUT ON CONTRACT. A CM MEMO TO FILE WILL BE REQUIRED. APPROVED. |
| | METOP HIRS | METOP PROGRAM STRUCTURAL MODIFICATION RFP | RICHARDSON, C MARSHALL, S | 06/29/2000 06/29/2000 | A 1 | APPROVED-OPEN: 1-MARSHALL ISSUE PR/RFP. PROPOSAL SUBMITTED TO NASA 8/28/00. C. RICHARDSON, SECT. 6.3 OF THIS CCR WILL BE OMITTED (SINCE IT WAS DELETED IN EXCEPTIONS OF ICD GSFC-S-480-131/132) IF THIS EFFORT REACHES NEGOTIATIONS AND IS PUT ON CONTRACT. A CM MEMO TO FILE WILL BE REQUIRED. APPROVED. |

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| CCR1745 | AVHRR | WAIVER OF CERTAIN REQUIREMENTS OF NHB 5300.4(3G) AND (3H) CABLE, CRIMP, AND HARNESSING (CCH) | PSZCOLKA, S MARSHALL, S | 06/20/2000 06/29/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO MODIFY THE AVHRR PAR, S-480-29 TO INCORPORATE APPROVED CHANGES. 2-MARSHALL ISSUE BILATERAL MOD. |
| | HIRS | WAIVER OF CERTAIN REQUIREMENTS OF NHB 5300.4(3G) AND (3H) CABLE, CRIMP, AND HARNESSING (CCH) | PSZCOLKA, S MARSHALL, S | 06/20/2000 06/29/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO MODIFY THE AVHRR PAR, S-480-29 TO INCORPORATE APPROVED CHANGES. 2-MARSHALL ISSUE BILATERAL MOD. |
| CCR1746 | NOAA-N,N' | PROVIDE FUNDING FOR LMSSC CLAIM TO PROPOSAL 5N VISHAY RESISTORS FAILURE REVIEW BOARD DISPOSITION | HALTERMAN, K STEWART, G | 06/22/2000 07/11/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART NEGOTIATE PROPOSAL 5N SUBMITTED ON 3/22/99 AND ISSUE MOD. |
| CCR1747 | NOAA-N,N' | PROVIDE FUNDING FOR LMSSC CLAIM TO PROPOSAL 5P VISHAY RESISTORS REPLACEMENT | HALTERMAN, K STEWART, G | 06/22/2000 07/11/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART NEGOTIATE PROPOSAL 5P SUBMITTED 6/21/99 AND ISSUE MOD. |
| CCR1748 | NOAA-M | PROVIDE FUNDING FOR LMSSC CLAIM TO PROPOSAL 5S REPLACEMENT OF AVHRR ON NOAA-M PRIOR TO THERMAL VAC TESTING | HALTERMAN, K STEWART, G | 06/22/2000 07/11/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART NEGOTIATE PROPOSAL 5S AND ISSUE MOD. |
| CCR1749 | NOAA-L | ADDITIONAL SIMULATIONS AT SOCC FOR LOCKHEED MARTIN | HALTERMAN, K STEWART, G | 06/23/2000 06/29/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART NEGOTIATING PROPOSAL 6F SUBMITTED 7/5/00 AND ISSUE MOD. APPROVED WITH CHANGE. Per J. Baniszewski, CCR section 3 is changed to "CO Letter of Direction, no SOW change is required in CCR section 4." |
| CCR1754 A | NOAA-M,N,N' SEM | MEPED OMNI DOME NON-FLIGHT PROTECTIVE COVER CHANGES | CARDONE, J STEWART, G | 08/08/2000 09/13/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO SEM UIIS. APPROVE WITH CHANGES. CO LETTER OF DIRECTION WILL BE SENT INSTEAD OF RFP AND UIIS SECTION 3.2.6.1 IS CHANGED PER LMSSC. |

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| CCR1759 | NOAA-LMNN' SBUV | SBUV ON ORBIT INITIAL TURNON | MENTALL, J STEWART, G | 08/11/2000 09/02/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE SBUV UIIS. 3-STEWART ISSUE MOD. APPROVED WITH CHANGE. CCR SECTION 1 WAS CHANGED AND UIIS 3.5.3.1.2 WAS MODIFIED PER ATTACHMENT FOR CLARIFICATION. |
| CCR1760 | AVHRR | BRUSHLESS D.C. MOTOR FOR A306 | PSZCOLKA, S MARSHALL, S | 08/17/2000 08/25/2000 | A 1 | APPROVE-OPEN ACTIONS: 1-MARSHALL ISSUE MOD. ITT SUBMITTED PROPOSAL TO NASA ON 11/3/00. TECH EVAL COMPLETE IN SIGN-OFF. |
| CCR1762 | METOP AVHRR | METOP EM INTEGRATION AND TEST SUPPORT | RICHARDSON, C MARSHALL, S | 08/23/2000 10/10/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO UPDATE ITT SOW TO INCORPORATE CHANGE. APPROVE WITH CHANGES. PER ITT'S REQUEST THE REQUIREMENT TO EVALUATE DURING TESTING IN 2ND PARAGRAPH IS DELETED FROM CCR; THEREFORE, REDUCING THE COST IMPACT. |
| | METOP HIRS | METOP EM INTEGRATION AND TEST SUPPORT | RICHARDSON, C MARSHALL, S | 08/23/2000 10/10/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO UPDATE ITT SOW TO INCORPORATE CHANGE. APPROVE WITH CHANGES. PER ITT'S REQUEST THE REQUIREMENT TO EVALUATE DURING TESTING IN 2ND PARAGRAPH IS DELETED FROM CCR; THEREFORE, REDUCING THE COST IMPACT. |
| CCR1763 | NOAA-N' SBUV | SBUV WAIVER 48; FOV SIZE & REF TO CCR | MENTALL, J | 08/25/2000 09/29/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO MODIFY SBUV PERFORMANCE SPEC, S-480-31C. 2-HAMMOND ISSUE BILATERAL MOD. WITH CHANGES. MEASURED VALUE ON PAGE 3 IN WAIVER TABLE IS CORRECTED TO "-0.130 DEG." AWAITING WAIVER/DEVIATION TABLE UPDATE CHANGE PAGES FOR PROCUREMENT. |

Polar Operational Environmental Satellites

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| CCR1763 | | | | | | APPROVED-OPEN ACTIONS: 1-CMO MODIFY SBUV PERFORMANCE SPEC, S-480-31C. 2-HAMMOND ISSUE BILATERAL MOD. |
| CCR1764 | NOAA-N' SBUV | SBUV WAIVER 49; SIGNAL TO NOISE RATIO | MENTALL, J HAMMOND, B. | 08/25/2000 09/29/2000 | A 1 | APPROVED-OPEN ACTIONS: WITH CHANGES MEASURED VALUE ON PAGE 3 IN WAIVER 1-CMO MODIFY SBUV PERFORMANCE SPEC, S-480-31C. TABLE IS CORRECTED TO "-0.130 DEG" 2-HAMMOND ISSUE BILATERAL MOD TO NAS5-30355. AWAITING WAIVER/DEVIATION TABLE UPDATE CHANGE PAGES FOR PROCUREMENT. |
| CCR1765 | NOAA-N' SBUV | SBUV WAIVER 50; MICROPHONIC NOISE | MENTALL, J HAMMOND, B. | 08/25/2000 09/29/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO MODIFY SBUV PERFORMANCE SPEC, S-480-31C. 2-HAMMOND ISSUE BILATERAL MOD TO NAS5-30355. AWAITING WAIVER/DEVIATION TABLE UPDATE CHANGE PAGES FOR PROCUREMENT. |
| CCR1767 | METOP HIRS | DOCUMENTATION UPDATE FOR HIRS CLOCKS MODIFICATION | RICHARDSON, C MARSHALL, S | 08/28/2000 09/29/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO TO OBTAIN AND VERIFY CHANGES TO THE HIRS METOP ICD. 2-CMO TO COMPLETE TECH PUBS ON THE HIRS METOP EXCEPTIONS ICD, GSFC S-480-131. APPROVED WITH CHANGES. CCR BLOCK 3 DEFINES CONTRACT ACTION, BILATERAL MOD WILL BE ISSUED FOR ITT CONTRACT AND LETTER WILL BE SENT TO ESA WITH ATTACHED CCR. |
| CCR1768 | METOP HIRS | ADD HIRS SPACE TARGET TO REDLINE HIRS METOP ICD | RICHARDSON, C MARSHALL, S | 08/28/2000 10/19/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE BILATERAL MOD TO NAS5-30384. 2-CMO MODIFY HIRS EXCEPTIONS ICD, S-480-131. |
| CCR1769 | NOAA-M SBUV | SBUV FM-6 WAIVER OF VACUUM CALIBRATION | MENTALL, J MARSHALL, S. | 09/07/2000 11/14/2000 | A 1 | APPROVED.-OPEN ACTIONS: 1-CMO MODIFY SBUV PERFORMANCE SPEC, S-480-31C. 2-HAMMOND ISSUE MOD TO NAS5-30355. AWAITING CM WAIVER/DEVIATION CHANGE PAGES FOR CONTRACT MOD. |

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| CCR1771 | AVHRR | ADDITIONAL BRUSHLESS D.C. MOTORS/ INSTALL IN A303 | PSZCOLKA, S MARSHALL, S | 10/03/2000 11/20/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE MOD. 2-CMO MODIFY AVHRR/HIRS SOW. 3-CMO MODIFY AVHRR PERFORMANCE SPEC, S-480-81. PROPOSAL SUBMITTED TO NASA ON 2/23/01. TECH EVAL; QUESTIONS ANSWERED AND SENT TO RICHARDSON 3/01. APPROVED WITH CHANGE. CCR SECTION 2 IS CHANGED TO "...ONE NEW SET OF CONTROL ELECTRONIC BOARDS....", CCR SECTION 3 IS CHANGED TO "RFP", AND GSFC-S-480-81 PARAGRAPHS 5.12 AND 8.1.3 ARE CHANGED TO ADD "AND A FLIGHT SPARE" (SEE ATTACHED CHG. PG). AWAITING PR/RFP/MOD. |
| CCR1773 | NOAA-KLMNN' | ADMINISTRATIVE CHANGE TO CORRECT GIIS SECTION 3.6.1.2 | COOLIDGE, D STEWART, G | 10/13/2000 03/09/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE GIIS. LOCKHEED'S OBJECTIONS ARE NOT VALID BECAUSE THIS REQUIREMENT DOES NOT APPLY TO THEM. IT PUTS A MORE STRINGENT REQUIREMENT ON THE INSTRUMENTS. THIS CCR IS A CORRECTION OF CCR 1438C THAT ORIGINALLY HAD THE 1.5 MHz REQUIREMENT AS APPROVED AND AGREED TO BY ALL. |
| CCR1774 A | AVHRR | GROUND SOFTWARE/HARDWARE UPGRADES | PSZCOLKA, S MARSHALL, S | 12/04/2000 04/19/2001 | A 1 | APPROVED-OPEN ACTIONS: 1. CMO COMPLETE TECH PUBS ON S-480-96 HIRS INTERNAL ICD. 2. MARSHALL ISSUE RFP AND MOD. PROPOSAL IS IN NEGOTIATIONS BETWEEN ITT AND NASA. ITT TO SUBMIT PROPOSAL TO NASA ON 6/3/01. |
| | HIRS | GROUND SOFTWARE/HARDWARE UPGRADES | PSZCOLKA, S MARSHALL, S | 12/04/2000 04/19/2001 | A 1 | APPROVED-OPEN ACTIONS: 1. CMO COMPLETE TECH PUBS ON S-480-96 HIRS INTERNAL ICD. 2. MARSHALL ISSUE RFP AND MOD. |

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| CCR1774 A | | | | | | PROPOSAL IS IN NEGOTIATIONS BETWEEN ITT AND NASA. ITT TO SUBMIT PROPOSAL TO NASA ON 6/3/01. |
| CCR1775 | METOP AVHRR | METOP PFM, FM2, FM3 SUPPORT | RICHARDSON, C MARSHALL, S | 10/16/2000 11/20/2000 | A 1 | APPROVE-OPEN ACTIONS: 1-MARSHALL ISSUE RFP AND MOD. 2-CMO MODIFY AVHRR/HIRS SOW. PROPOSAL SENT FROM ITT TO NASA ON 4/3/01. NOTE: APPROVED WITH CHANGE TO CCR section 1, item 3 and SOW paragraphs 8.1.2 and 9.1.3 and add section 10.2 are changed per ITT comments. |
| | METOP HIRS | METOP PFM, FM2, FM3 SUPPORT | RICHARDSON, C MARSHALL, S | 10/16/2000 11/20/2000 | A 1 | APPROVE-OPEN ACTIONS: 1-MARSHALL ISSUE RFP AND MOD. 2-CMO MODIFY AVHRR/HIRS SOW. PROPOSAL SENT FROM ITT TO NASA ON 4/3/01. NOTE: APPROVED WITH CHANGE TO CCR section 1, item 3 and SOW paragraphs 8.1.2 and 9.1.3 and add section 10.2 are changed per ITT comments. |
| CCR1776 | NOAA-M,N,N' SBUV | SBUV INSTRUMENT STORAGE TEST AT BALL | MENTALL, J HAMMOND, | 10/17/2000 03/08/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-HAMMOND ISSUE RFP AND BILATERAL MOD. 2-CMO MODIFY BASD SPEC, S-480-31C. |
| CCR1778 | NOAA-N SARR | SARR F10 EMI WAIVER | MENTALL, J STEWART, G | 10/31/2000 02/16/2001 | A 1 | APPROVED-OPEN ACTIONS: 1. CMO OBTAIN AND VERIFY UPDATES TO THE SARR UIIS. |
| CCR1781 | SBUV | SBUV SPARE PARTS CDRL UPDATE | MENTALL, J HAMMOND, B. | 11/14/2000 01/08/2001 | A 1 | APPROVE-OPEN ACTIONS: 1-CMO MODIFY BASD CDRL. 2-HAMMOND ISSUE BILATERAL MOD. |
| CCR1782 | NOAA-KLMNN' | SPECIAL CHANGES ISSUED BETWEEN 12/99 AND 5/00 (PROPOSAL 6D) | HALTERMAN, K STEWART, G | 11/22/2000 12/21/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE BILATERAL MOD. |

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| CCR1786 A | NOAA-LMNN' AVHRR | AVHRR/HIRS DUST COVER REVISION | CARDONE, J | 01/09/2001 04/03/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO COMPLETE TECH PUBS ON HIRS SPEC, S-480-82 AND AVHRR SPEC S-480-81. 2-CMO OBTAIN AND VERIFY UPDATES TO THE AVHRR UIIS. 3-MARSHALL ISSUE RFP AND BILATERAL MOD. 4-STEWART ISSUE MOD. |
| | NOAA-LMNN' HIRS | AVHRR/HIRS DUST COVER REVISION | CARDONE, J | 01/09/2001 04/03/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO COMPLETE TECH PUBS ON HIRS SPEC, S-480-82 AND AVHRR SPEC S-480-81. 2-CMO OBTAIN AND VERIFY UPDATES TO THE AVHRR UIIS. 3-MARSHALL ISSUE RFP AND BILATERAL MOD. 4-STEWART ISSUE MOD. |
| | METOP AVHRR | AVHRR/HIRS DUST COVER REVISION | CARDONE, J | 01/09/2001 04/03/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO COMPLETE TECH PUBS ON HIRS SPEC, S-480-82 AND AVHRR SPEC S-480-81. 2-CMO OBTAIN AND VERIFY UPDATES TO THE AVHRR UIIS. 3-MARSHALL ISSUE RFP AND BILATERAL MOD. 4-STEWART ISSUE MOD. |
| | METOP HIRS | AVHRR/HIRS DUST COVER REVISION | CARDONE, J | 01/09/2001 04/03/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO COMPLETE TECH PUBS ON HIRS SPEC, S-480-82 AND AVHRR SPEC S-480-81. 2-CMO OBTAIN AND VERIFY UPDATES TO THE AVHRR UIIS. 3-MARSHALL ISSUE RFP AND BILATERAL MOD. 4-STEWART ISSUE MOD. |
| CCR1788 | NOAA-LMNN' AMSU-A1 | AMSU-A/EOS LAUNCH DATE CHANGE-SUPPORT EXTENSION | KRIMCHANSKY, S | 12/22/2000 03/02/2001 | A 1 | APPROVE-OPEN ACTIONS: 1-HAMMOND ISSUE RFP AND BILATERAL MOD. |
| CCR1792 B | NOAA-KLMNN' AMSU-A1/A2 | INSTRUMENT CORRECTION FACTOR SUBMITTAL FORM (S-480-135 REV. A) IMPLEMENTATION (AEROJET - AMSU A1 & A2) | CARDONE, J | 04/26/2001 05/30/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE AMSU A1 AND AMSU A2 UIIS. 2- HAMMOND ISSUE MOD AND RFP TO NAS5-32314. 3-STEWART ISSUE MOD TO NAS5-30350. CARDONE REVISED CCR ON 4/24/01 TO INCLUDE NEW FORM |

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| CCR1792 B | | | | | | APPROVED IN CCR 1809 ON 4/11/01. |
| CCR1794 B | NOAA-LMNN' SBUV | INSTRUMENT CORRECTION FACTOR SUBMITTAL FORM (S-480-135 REV. A) IMPLEMENTATION (BALL - SBUV) | CARDONE, J. | 04/26/2001 | P 1 | COMMENTS FORWARDED TO TECH LEAD ON 5/29/01. NEED TO RESOLVE BASD COMMENTS. CARDONE REVISED CCR ON 4/24/01 TO INCLUDE NEW FORM APPROVED IN CCR 1809 ON 4/11/01. |
| CCR1795 B | NOAA-LMNN' AVHRR | INSTRUMENT CORRECTION FACTOR SUBMITTAL FORM (S-480-135 REV. A) IMPLEMENTATION (ITT - AVHRR & HIRS) | CARDONE, J | 04/26/2001 05/30/2001 | A 1 | APPROVED OPEN ACTIONS: 1-STEWAR ISSUE MOD TO NAS5-30350. 2-HAMMOND ISSUE RFP AND MOD TO NAS5-30384. 2-CMO OBTAIN AND VERIFY UPDATES TO THE AVHRR AND HIRS UIIS. |
| | NOAA-L,M,N HIRS | INSTRUMENT CORRECTION FACTOR SUBMITTAL FORM (S-480-135 REV. A) IMPLEMENTATION (ITT - AVHRR & HIRS) | CARDONE, J | 04/26/2001 05/30/2001 | A 1 | APPROVED OPEN ACTIONS: 1-STEWAR ISSUE MOD TO NAS5-30350. 2-HAMMOND ISSUE RFP AND MOD TO NAS5-30384. 2-CMO OBTAIN AND VERIFY UPDATES TO THE AVHRR AND HIRS UIIS. |
| CCR1798 | NOAA-KLMNN' SBUV | CHANGE TO SBUV SOW WBS 9000 CONTAMINATION MIRRORS | MENTALL, J | 01/16/2001 04/03/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE SBUV UIIS, IS-2295548. 2-CMO MODIFY SBUV SOW. 3-HAMMOND ISSUE BILATER MOD TO NAS5-30355. |
| CCR1799 | NOAA-LMNN' | SPECIAL CHANGES ISSUED BETWEEN 6/00 AND 11/00 | HALTERMAN, K | 01/19/2001 03/09/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART NEGOTIATE PROPOSAL 6K AND ISSUE BILATERAL MOD. |
| CCR1800 | NOAA-LMNN' | NOAA-L AUGUST 9, 2000 THROUGH SEPTEMBER 21, 2000 LAUNCH DELAY | HALTERMAN, K | 01/19/2001 03/07/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART NEGOTIATE PROPSOAL 6H SUBMITTED 8/8/00, AND ISSUE BILATERAL MOD. 2-CMO MODIFY LOCKHEED CONTRACT ATTACHMENT 3 LAUNCH SCHEDULE. |

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| CCR1801 | NOAA-LMNN' SEM | SEM MEPED S/N 15 SPECIFIED MAXIMUM TEMPERATURE VARIATION WAIVER | | 02/01/2001 04/19/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE SEM SPEC WAIVER TABLE. |
| CCR1802 | METOP AVHRR | METOP TEST CONFIGURATION FOR METOP DESIGNATED AVHRR AND HIRS | RICHARDSON, C | 02/01/2001 04/10/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE RFP AND BILATERAL MOD TO NAS5-30384. 2.-CMO MODIFY ITT SOW TO INCORPORATE APPROVED CHANGES. 5/16/01: PROPOSAL IN PROCESS. |
| | METOP HIRS | METOP TEST CONFIGURATION FOR METOP DESIGNATED AVHRR AND HIRS | RICHARDSON, C | 02/01/2001 04/10/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE RFP AND BILATERAL MOD TO NAS5-30384. 2.-CMO MODIFY ITT SOW TO INCORPORATE APPROVED CHANGES. 5/16/01: PROPOSAL IN PROCESS. |
| CCR1803 | NOAA-N' SEM | SEM MEPED S/N 15 FULL WIDTH HALF MAXIMUM (FWHM) NOISE LEVEL WAIVER | CARDONE, J | 02/01/2001 03/08/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE SEM SPECIFICATION WAIVER TABLE, SEL-86-1. |
| CCR1804 | NOAA-LMNN' SEM | SEM F5 EMI CONDUCTED EMISSIONS WAIVER | CARDONE, J CARDONE, J | 02/01/2001 | H 1 | ON HOLD PENDING NOAA-N T/V TESTING. OPEN ACTION: 1-CMO SUBMIT CCB DIRECTIVE FOR APPROVAL AFTER SUCCESSFUL NOAA N THERMAL VACUUM TESTING. |
| CCR1808 | NOAA-LMNN' | AGE LONGEVITY ENHANCEMENT | HALTERMAN, K | 03/06/2001 04/19/2001 | A 1 | APPROVED-OPEN ACTIONS: 1. STEWART ISSUE RFP AND MOD.. 2. CMO MODIFY THE LOCKHEED SOW. |
| CCR1810 | NOAA-LMNN' SEM | SEM CHANGES TO PURGE REQUIREMENTS (TIROS) | CARDONE, J | 04/02/2001 04/19/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE RFP AND MOD. 2-CMO OBTAIN AND VERIFY UPDATES TO THE SEM UIIS. |

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| CCR1811 A | NOAA-LMNN' | ADDITIONAL NOAA-M SIMULATION, DATABASE, AND TRAINING SUPPORT | HALTERMAN, K | 05/01/2001 | P 1 | COMMENTS FORWARDED TO TECH LEAD FOR RESOLUTION ON 5/11/01. |
| CCR1812 | METOP HIRS | HIRS FILTER WHEEL REPLACEMENT | RICHARDSON, C | 04/05/2001 05/18/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE MOD. 2-CMO MODIFY THE ITT SOW TO INCORPORATE APPROVED CHANGES. |
| | | HIRS FILTER WHEEL REPLACEMENT | RICHARDSON, C | 04/05/2001 05/18/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE MOD. 2-CMO MODIFY THE ITT SOW TO INCORPORATE APPROVED CHANGES. |
| CCR1813 | NOAA-M,N,N' SARR | SARR F12 EMI WAIVER EMS # RFW-SAR-043 | MENTALL, J | 04/09/2001 05/18/2001 | A | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE SARR UIIS. |
| CCR1814 | NOAA-M,N,N' SARR | SARR F12 EMI WAIVER 40 CE-03 | MENTALL, J | 04/10/2001 05/18/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE SARR UIIS. |
| CCR1815 | NOAA-M,N,N' SARR | SARR F12 EMI WAIVER 39 CE-01 | MENTALL, J | 01/04/2001 05/18/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE SARR UIIS. |
| CCR1816 | NOAA-LMNN' | SAS HARDWARE UPGRADES | CARROLL, H. | 04/16/2001 05/30/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE RFP AND MOD. 2-CMO MODIFY THE LOCKHEED SOW TO INCORPORATE APPROVED CHANGES. |
| CCR1817 | NOAA-LMNN' SBUV | SBUV FM8 OVERRUN PROPOSAL | MENTALL, J LIPTAK, E | 04/24/2001 05/18/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-HAMMOND ISSUE BILATERAL MOD. |
| CCR1818 | NOAA-LMNN' HIRS | H306 CE WAIVER 130A | RICHARDSON, C | 04/30/2001 | H 1 | ON HOLD PENDING VERIFICATION OF PERFORMANCE AS SPACECRAFT LEVEL. |

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| CCR1819 | NOAA-LMNN' | LOCKHEED MARTIN THERMAL VACUUM TEST RACKS UPGRADE | HALTERMAN, K LIU, J | 05/03/2001 05/21/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE RFP AND BILATERAL MOD. PROPOSAL 6N BEING NEGOTIATED. |
| CCR1821 | METOP AVHRR | METOP TRANSIT CASES FOR HIRS AND AVHRR | RICHARDSON, C | 05/09/2001 06/04/2001 | A 1 | APPROVED - OPEN ACTIONS: 1-MARSHALL ISSUE EMERGENCY CHANGE ORDER 2-CMO TECH PUBS TO HIRS SPEC S-480-82 AND AVHRR SPEC S-480-81. |
| | METOP HIRS | METOP TRANSIT CASES FOR HIRS AND AVHRR | RICHARDSON, C | 05/09/2001 06/04/2001 | A 1 | APPROVED - OPEN ACTIONS: 1-MARSHALL ISSUE EMERGENCY CHANGE ORDER 2-CMO TECH PUBS TO HIRS SPEC S-480-82 AND AVHRR SPEC S-480-81. |
| CCR1822 | METOP AVHRR | ITT CONTRACT COST INCREASE FOR SOs | RICHARDSON, C. | 05/09/2001 05/30/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE MOD. |
| | METOP HIRS | ITT CONTRACT COST INCREASE FOR SOs | RICHARDSON, C. | 05/09/2001 05/30/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE MOD. |
| CCR1823 | NOAA-LMNN' | UPGRADE SDVF WORKSTATIONS | JAY, E. | 05/10/2001 06/04/2001 | A 1 | APPROVED-OPEN ACTIONS 1-CMO MODIFY LOCKHEED SOW. 2-STEWART ISSUE MOD. |
| CCR1824 | NOAA-M,N,N' SARR | WAIVER 41 RE-02 SARR F12 EMI 121/243 mHz (RFW-SAR-041) | LIPTAK, E | 05/15/2001 05/29/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE MOD. 2-CMO OBTAIN AND VERIFY UPDATES TO THE SARR UIIS. |
| CCR1825 | NOAA-M,N,N' SARR | WAIVER 42R1 RE-02 SARR F12 EMI (RFW-SAR-042R1) | LIPTAK, E | 05/15/2001 05/29/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE MOD. 2-CMO OBTAIN AND VERIFY WAIVER IS ADDED TO THE SARR UIIS. |
| CCR1826 | NOAA-LMNN' HIRS | HIRS S/C THERMAL VACUUM RADIANT COOLER TARGET FIXTURE | CARDONE, J | 05/17/2001 | P 1 | AS OF 6/4/01 - CYMERMAN AT LM WORKING THIS. COMMENTS FORWARDED TO TECH LEAD. CCR DISPOSITION IS PENDING CONCURRENCE FROM LOCKHEED. |

Polar Operational Environmental Satellites

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| CCR1826 | | HIRS S/C THERMAL VACUUM RADIANT COOLER TARGET FIXTURE | CARDONE, J | 05/17/2001 | P 1 | AS OF 6/4/01 - CYMERMAN AT LM WORKING THIS. COMMENTS FORWARDED TO TECH LEAD. CCR DISPOSITION IS PENDING CONCURRENCE FROM LOCKHEED. |
| CCR1827 | NOAA-M,N,N' SBUV | SBUV FM7 PL BUS RIPPLE CURRENT WAIVER (DR AC1448) | MENTALL, J LIPTAK, E | 05/24/2001 | P 1 | CCB DIRECTIVE IN SIGNATURE CYCLE. FORWARDED TO MCCAIN ON 6/11/01. |
| CCR1828 | NOAA-LMNN' SARP-2 | UPDATE SARP UIIS | MENTALL, J | 05/30/2001 | P 1 | IN REVIEW CYCLE - RESPONSES DUE 6/13/01. |
| CCR1829 | NOAA-LMNN' DCS-2 | UPDATE DCS UIIS | MENTALL, J | 05/30/2001 | P 1 | IN REVIEW CYCLE - RESPONSES DUE 6/13/01 |
| CCR1830 | NOAA-LMNN' AVHRR | UPDATE ELECTRONIC DATA DELIVERABLES TO HIRS AND AVHRR | RICHARDSON, C | 05/30/2001 | P 1 | IN REVIEW CYCLE - RESPONSES DUE 6/13/01. |
| | NOAA-LMNN' HIRS | UPDATE ELECTRONIC DATA DELIVERABLES TO HIRS AND AVHRR | RICHARDSON, C | 05/30/2001 | P 1 | IN REVIEW CYCLE - RESPONSES DUE 6/13/01. |
| CCR1831 | NOAA-M,N,N' SBUV | SBUV WAIVERS 48B; FOV SIZE AND REF. TO CCR | MENTALL, J LIPTAK, E | 06/12/2001 | P 1 | URGENT STATUS - IN REVIEW CYCLE - RESPONSES DUE 6/19/01 |
| CCR1832 | | POES RISK MANAGEMENT PLAN GSFC S-480-121 B | CARDONE, J | 06/11/2001 | P 1 | IN REVIEW CYCLE - RESPONSES DUE 6/25/01. |
| CCR2355 | | PERFORMANCE VERIFICATION PLAN - SOLAR ARRAY TESTING | ARMAN, A STEWART, G | 09/25/1997 11/06/1997 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART NEGOTIATE PROPOSAL. 2-STEWART ISSUE MOD. AWAITING LMMS PROPOSAL. TO BE DONE IN CONJUNCTION WITH PROPOSAL 10. (MOD 343 DEFINITIZED PROPOSAL 10--GLENN IS CHECKING TO SEE IF THIS CCR WAS INCLUDED.) REV L HAS BEEN UPDATED TO INCORPORATE |

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| CCR2355 | | | | | | <p>THIS CCR CHANGES.</p> <p>3/6/00: AWAITING LMMS PERFORMANCE VERIFICATION PLAN UPDATE CORRECTION DUE TO S/W CONVERSION ERRORS. RECEIVED PN 2629891 REV L WHICH CONTAINED INCORRECT REFERENCE TO TRP 2343 & CONTAINED S/W CONVERSION ERRORS.</p> <p>11/17/99: AWAITING BILATERAL MOD FROM LMMS.</p> <p>11/17/99: RECEIVED REVISION K/L OF THE PERFORMANCE VERIFICATION PLAN. ALTHOUGH CHANGE WAS INCORPORATED (PRIOR TO DEFINITIZATION OF CONTRACT MOD) SOFTWARE CONVERSION IS CORRUPTED. NEED TO REVIEW ENTIRE DOCUMENT FOR ERRORS.</p> |
| CCR2387 A | | SSA DEVIATION FROM 3.1.1.1.2.1.5 OF 2629668 (GENERAL DESIGN AND TEST REQUIREMENTS) | JENKINS, W STEWART, G | 11/17/1999 06/11/0200 | A 1 | <p>APPROVED-OPEN ACTIONS:</p> <p>1-CMO COMPLETE TECH PUBS TO PERFORMANCE SPEC.</p> <p>2-STEWART ISSUE MOD.</p> <p>AWAITING WAIVER/DEVIATION TABLE CHANGE PAGES FOR PROCUREMENT.</p> <p>APPROVED WITH CHANGES. CCR SECTION 4 IS CHANGED TO INCLUDE THE GSFC S-480-25.1 PERFORMANCE SPEC. WAIVER/DEVIATION TABLE REFERENCE.</p> |
| CCR2392 | NOAA-LMNN' SBUV | CHANGES TO REFLECT INSTRUMENT VENDOR BENCH TEST RESPONSIBILITY | CARDONE, J STEWART, G | 04/28/2000 | H 1 | <p>5/17/01: ON HOLD PENDING RESOLUTION OF INTEGRATED INSTRUMENT STORAGE REQUIREMENTS.</p> <p>CARDONE TOOK THE ACTION TO REWORK. NEED TO IDENTIFY WHICH INSTRUMENTORS APPROVED, WHAT THE OPEN ISSUE ARE AND IMPACT TO LMSSC. RECOMMENDED APPROACH AT THE IPR WAS TO WRITE SEPERATE CCRS TO IMPLEMENT THIS FOR EACH INSTRUMENT.</p> |
| | NOAA-LMNN' SEM | CHANGES TO REFLECT INSTRUMENT VENDOR BENCH TEST RESPONSIBILITY | CARDONE, J STEWART, G | 04/28/2000 | H 1 | <p>5/17/01: ON HOLD PENDING RESOLUTION OF INTEGRATED INSTRUMENT STORAGE REQUIREMENTS.</p> |

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| CCR2392 | | | | | | CARDONE TOOK THE ACTION TO REWORK. NEED TO IDENTIFY WHICH INSTRUMENTORS APPROVED, WHAT THE OPEN ISSUE ARE AND IMPACT TO LMSSC. RECOMMENDED APPROACH AT THE IPR WAS TO WRITE SEPERATE CCRS TO IMPLEMENT THIS FOR EACH INSTRUMENT. |
| CCR2392 | NOAA-LMNN' AMSU-A | CHANGES TO REFLECT INSTRUMENT VENDOR BENCH TEST RESPONSIBILITY | CARDONE, J STEWART, G | 04/28/2000 | H 1 | 5/17/01: ON HOLD PENDING RESOLUTION OF INTEGRATED INSTRUMENT STORAGE REQUIREMENTS. CARDONE TOOK THE ACTION TO REWORK. NEED TO IDENTIFY WHICH INSTRUMENTORS APPROVED, WHAT THE OPEN ISSUE ARE AND IMPACT TO LMSSC. RECOMMENDED APPROACH AT THE IPR WAS TO WRITE SEPERATE CCRS TO IMPLEMENT THIS FOR EACH INSTRUMENT. |
| | NOAA-LMNN' A-DCS | CHANGES TO REFLECT INSTRUMENT VENDOR BENCH TEST RESPONSIBILITY | CARDONE, J STEWART, G | 04/28/2000 | H 1 | 5/17/01: ON HOLD PENDING RESOLUTION OF INTEGRATED INSTRUMENT STORAGE REQUIREMENTS. CARDONE TOOK THE ACTION TO REWORK. NEED TO IDENTIFY WHICH INSTRUMENTORS APPROVED, WHAT THE OPEN ISSUE ARE AND IMPACT TO LMSSC. RECOMMENDED APPROACH AT THE IPR WAS TO WRITE SEPERATE CCRS TO IMPLEMENT THIS FOR EACH INSTRUMENT. |
| | NOAA-LMNN' SARP-2 | CHANGES TO REFLECT INSTRUMENT VENDOR BENCH TEST RESPONSIBILITY | CARDONE, J STEWART, G | 04/28/2000 | H 1 | 5/17/01: ON HOLD PENDING RESOLUTION OF INTEGRATED INSTRUMENT STORAGE REQUIREMENTS. CARDONE TOOK THE ACTION TO REWORK. NEED TO IDENTIFY WHICH INSTRUMENTORS APPROVED, WHAT THE OPEN ISSUE ARE AND IMPACT TO LMSSC. RECOMMENDED APPROACH AT THE IPR WAS TO WRITE SEPERATE CCRS TO IMPLEMENT THIS FOR EACH INSTRUMENT. |
| | NOAA-LMNN' AVHRR | CHANGES TO REFLECT INSTRUMENT VENDOR BENCH TEST RESPONSIBILITY | CARDONE, J STEWART, G | 04/28/2000 | H 1 | 5/17/01: ON HOLD PENDING RESOLUTION OF INTEGRATED INSTRUMENT STORAGE REQUIREMENTS. CARDONE TOOK THE ACTION TO REWORK. NEED TO IDENTIFY WHICH INSTRUMENTORS APPROVED, WHAT THE OPEN ISSUE ARE AND IMPACT TO LMSSC. RECOMMENDED |

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| CCR2392 | | | | | | APROACH AT THE IPR WAS TO WRITE SEPERATE CCRS TO IMPLEMENT THIS FOR EACH INSTRUMENT. |
| CCR2392 | NOAA-LMNN' MHS | CHANGES TO REFLECT INSTRUMENT VENDOR BENCH TEST RESPONSIBILITY | CARDONE, J STEWART, G | 04/28/2000 | H 1 | 5/17/01: ON HOLD PENDING RESOLUTION OF INTEGRATED INSTRUMENT STORAGE REQUIREMENTS. CARDONE TOOK THE ACTION TO REWORK. NEED TO IDENTIFY WHICH INSTRUMENTORS APPROVED, WHAT THE OPEN ISSUE ARE AND IMPACT TO LMSSC. RECOMMENDED APROACH AT THE IPR WAS TO WRITE SEPERATE CCRS TO IMPLEMENT THIS FOR EACH INSTRUMENT. |
| | NOAA-LMNN' HIRS | CHANGES TO REFLECT INSTRUMENT VENDOR BENCH TEST RESPONSIBILITY | CARDONE, J STEWART, G | 04/28/2000 | H 1 | 5/17/01: ON HOLD PENDING RESOLUTION OF INTEGRATED INSTRUMENT STORAGE REQUIREMENTS. CARDONE TOOK THE ACTION TO REWORK. NEED TO IDENTIFY WHICH INSTRUMENTORS APPROVED, WHAT THE OPEN ISSUE ARE AND IMPACT TO LMSSC. RECOMMENDED APROACH AT THE IPR WAS TO WRITE SEPERATE CCRS TO IMPLEMENT THIS FOR EACH INSTRUMENT. |
| | NOAA-LMNN' AMSU-B | CHANGES TO REFLECT INSTRUMENT VENDOR BENCH TEST RESPONSIBILITY | CARDONE, J STEWART, G | 04/28/2000 | H 1 | 5/17/01: ON HOLD PENDING RESOLUTION OF INTEGRATED INSTRUMENT STORAGE REQUIREMENTS. CARDONE TOOK THE ACTION TO REWORK. NEED TO IDENTIFY WHICH INSTRUMENTORS APPROVED, WHAT THE OPEN ISSUE ARE AND IMPACT TO LMSSC. RECOMMENDED APROACH AT THE IPR WAS TO WRITE SEPERATE CCRS TO IMPLEMENT THIS FOR EACH INSTRUMENT. |
| CCR2396 | NOAA-LMNN' AVHRR | ADVANCED VERY HIGH RESOLUTION RADIOMETER (AVHRR-3) UNIQUE INSTRUMENT INTERFACE SPECIFICATION (UIIS) UPDATES | PSZCOLKA, S STEWART, G | 04/12/2000 | P 1 | AS OF 6/4/01 - CYMERMAN AT LM TO WORK THIS. ON HOLD PENDING LMSSC COMMENTS. S. PSZCOLKA FORWARDED ITT COMMENTS TO CYMERMAN/LMSSC FOR RESOLUTION ON 12/00. AWAITING LMSSC RESPONSE. |

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| CCR2400 | | IMS WAIVER FROM 4.6.1.7.2 OF 2629668 (GENERAL DESIGN AND TEST REQUIREMENTS) | JENKINS, W STEWART, G | 05/19/2000 07/10/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO MODIFY LOCKHEED PERFORMANCE SPEC, S-480-25.1 2-STEWART ISSUE MOD. AWAITING WAIVER/DEVIATION TABLE CHANGE PAGES FOR PROCUREMENT. APPROVED WITH CHANGE. THIS WAIVER WILL BE DOCUMENTED IN THE WAIVER/DEVIATION TABLE OF THE PERFORMANCE SPECIFICATION S-480-25.1. |
| CCR2402 A | NOAA-LMNN' AMSU-A1/A2 | UPDATES TO AMSU-A UIIS | KRIMCHANSKY, S STEWART, G | 11/27/2000 02/01/2001 | A 1 | APPROVED-OPEN ACTIONS: 1CMO-OBTAIN AND VERIFY UPDATES TO THE AMSU A1 AND A2 UIIS ARE INCORPORATED. |
| CCR2408 | NOAA-KLM | PS-2285510 GENERAL REQUIREMENTS-TIROS-N SOFTWARE FOR KLM UPDATE | JAY, E STEWART, G | 09/15/2000 | P 1 | PENDING LMSSC RESUBMIT REVISED CCR WITH E. JAY COMMENTS INCORPORATED. LMSSC NEEDS MANPOWER RESOURCES, ENGINEER IS NOT AVAILABLE TO SUPPORT THIS EFFORT. TECH LEAD REVIEW COMPLETED 2/7/01. NUMEROUS COMMENTS WERE FORWARDED TO LMSSC FOR CONCURRENCE. CCR MAY NEED TO BE REVISED AND DISTRIBUTED TO POES CCB REVIEW. |
| CCR2411 | NOAA-LMNN' | DEVIATION FROM THE GENERAL DESIGN AND TEST REQUIREMENTS (2629668) FOR NN' IMS CURRENT RIPPLE REQUIREMENTS | HALTERMAN, K | 12/18/2000 | H 1 | 5/8/01: AWAITING LMSSC CONCURRENCE. DR. CHETTY'S COMMENTS WERE FORWARDED TO LMSSC (W. WOODCAULK) on 2/26/01 FOR RESOLUTION. |
| CCR2412 | NOAA-LMNN' | SPACECRAFT CALL-UP FOR LAUNCH DURATION | HALTERMAN, K | 03/07/2001 | H 1 | 5/13/01: UPDATE TO CCR BY LMSSC EXPECTED. 05/08/01: COMMENTS FORWARDED TO TECH LEAD FOR DISPOSITION ON 4/6/01. HALTERMAN WAITING ON LOCKHEEDS EXPLANATION. |

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| CCR2413 | NOAA-LMNN' | QUALITY ASSURANCE PLAN FOR K, L, M, N & N' | DANEY, W | 05/30/2001 06/12/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE BILATERAL MOD. 2-CMO MODIFY LOCKHEED PERF SPEC, S-480-25.1. 3-CMO OBTAIN AND VERIFY UPDATES TO THE QUALITY ASSURANCE PROGRAM PLAN, 3267412. |
| CCR8125 | AMSU-A | EOS A1 LINEARITY WAIVER | KRIMCHANSKY, S WHYTE, C | 11/25/1998 12/23/1998 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO UPDATE AMSU PERFORMANCE SPEC WAIVER TABLE, S-480-80. 1-CMO UPDATE AMSU PAR, S-480-79. |
| CCR8127 A | AMSU-A | AMSU-A1, S/N 105, LINEARITY WAIVER | KRIMCHANSKY, S PATEL, P HAMMOND, B. | 03/24/1999 05/05/1999 | A 1 | APAPROVED-OPEN ACTIONS: 1-CMO PREPARE CHANGE PAGES TO AMSU PREFORMANCE SPEC, S-480-80. 2-HAMMOND ISSUE MOD TO NAS5-32314. THIS CCR IS APPROVED WITH CHANGES. CCR SECTION 1, FIRST SENTENCE REQUIRES CHANGE TO NUMBER OF CHANNELS. THIS CCR SUPERCEDES CCR 8127 WHICH WAS NEVER ROUTED FOR REVIEW. |
| CCR8128 A | AMSU-A1 | METSAT A1 UIIS UPDATE, DISTURBANCE TORQUE AND UNCOMPENSATED MOMENTUM | KRIMCHANSKY, S PATEL, P HAMMOND, B. | 03/31/1999 | P 1 | TECH LEAD NEEDS TO RESOLVE DISAPPROVAL FROM LMSSC. LMSSC NEEDS ADDITIONAL INFORMATION ON FREQUENCY CONTENT OF THE DISTURBANCE. |
| CCR8129 | AMSU-A | AMSU-A1, S/N 106, LINEARITY WAIVER | KRIMCHANSKY, S HAMMOND, B. | 06/14/1999 08/12/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-HAMMOND ISSUE MOD TO NAS5-32314. 2-CMO MODIFY AMSU-A PERFORMANCE SPEC, S-480-80. APPROVED WITH CHANGES. INCLUDE REFERENCE IN CCR SECTION 4 THAT EFFECTIVITY APPLIES TO ONLY AMSU-A1 S/N 106. |

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| CCR8130 | AMSU-A | AMSU-A1, S/N 106, CALIBRATION REPEATABILITY WAIVER | KRIMCHANSKY, S HAMMOND, B. | 06/29/1999 08/12/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO UPDATE AMSU PERFORMANCE SPEC WAIVER TABLE, S-480-80. 2-HAMMOND ISSUE MOD NAS5-32314. INCLUDE REFERENCE IN CCR SECTION 4 THAT EFFECTIVITY APPLIES TO ONLY AMSU-A1 S/N 106. |
| CCR8131 | AMSU-A | AMSU-A1, S/N 107, CALIBRATION ACCURACY FOR REDUNDANT PLO CHANNEL 14 AT SCENE TEMPERATURE OF 330K WAIVER | KRIMCHANSKY, S HAMMOND, B. | 09/29/1999 10/21/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO PREPARE CHANGE PAGES TO THE AMSU PERFORMANCE SPEC WAIVER TABLE. 2-HAMMOND ISSUE MOD. |
| CCR8132 | AMSU-A | AMSU-A1, S/N 107, LINEARITY | KRIMCHANSKY, S HAMMOND, B. | 09/30/1999 10/21/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO PREPARE CHANGE PAGES TO AMSU PERFORMANCE SPEC. 2-HAMMOND ISSUE MOD. |
| CCR8134 | AMSU-A | AMSU-A1, S/N 108, LINEARITY (CHANNELS 6,7, 9-15) & CALIBRATION ACCURACY (CHANNEL 11) | KRIMCHANSKY, S WHYTE, C | 04/07/2000 05/21/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO PREPARE CHANGE PAGES TO AMSU PERFORMANCE SPEC WAIVER TABLE. 2-HAMMOND ISSUE MOD. |
| CCR8136 | AMSU-A | AMSU-A1, S/N 109, LINEARITY (CHANNEL 6,7,9-15) & CALIBRATION ACCURACY (CHANNEL 11) WAIVER | KRIMCHANSKY, S HAMMOND, B. | 07/25/2000 09/02/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO PREPARE CHANGE PAGES TO AMSU PERFORMANCE SPEC WAIVER TABLE. 2-HAMMOND ISSUE MOD. APPROVED WITH CHANGE. CCR SECTION 4 IS MODIFIED TO ADD GSFC-S-480-80 SECTION 3.6 WAIVER APPLICABILITY. |
| CCR8137 | METOP AMSU-A | UNIQUE INTERFACE SPECIFICATION AMSU-A2 IS-2624483 | KRIMCHANSKY, S | 04/19/2001 05/30/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE MOD. 2-CMO OBTAIN AND VERIFY UPDATES TO THE AMSU-A2 UIIS. |
| | NOAA-LMNN' AMSU-A | UNIQUE INTERFACE SPECIFICATION AMSU-A2 IS-2624483 | KRIMCHANSKY, S | 04/19/2001 05/30/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE MOD. 2-CMO OBTAIN AND VERIFY UPDATES TO THE AMSU-A2 UIIS. |

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| CCR8138 | METOP AMSU-A | UNIQUE INTERFACE SPECIFICATION AMSU-A1 IS-2617547 | KRIMCHANSKY | 04/19/2001 05/30/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE MOD. 2-CMO OBTAIN AND VERIFY UPDATES TO THE AMSU-A1 UIIS. |
| | NOAA-LMNN' AMSU-A | UNIQUE INTERFACE SPECIFICATION AMSU-A1 IS-2617547 | KRIMCHANSKY | 04/19/2001 05/30/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-STEWART ISSUE MOD. 2-CMO OBTAIN AND VERIFY UPDATES TO THE AMSU-A1 UIIS. |
| CRM058 | METOP AVHRR | RISE/FALL TIME OF DATA SAMPLE PULSE AVHRR/3 ICD | PSZCOLKA, S | 02/04/1999 | H 1 | 4/23/01-FRANSEN EMAIL-RECOMMENDS SUPERSEDING THIS CRM WITH ICP 078 REV 1. 7/12/00: HOLD PENDING PLM TESTING OF AVHRR A305. THIS CCR WILL THEN BE RE-EVALUATED. ICP 78 REV. 1 (TECH LEAD IS REVIEWING) |
| CRM059 | METOP AVHRR | FAULT VOLTAGE EMISSION REQUIREMENT ON NIU AVHRR/3 ICD | PSZCOLKA, S | 02/04/1999 | H 1 | RICHARDSON DISAPPROVED ICP 079 REV 1 ON 3/2/01. AWAITING ESA TO RESUBMIT ICP. |
| CRM076 | METOP SARR | POWER PIN ALLOCATION LIST UPDATE SARR ICD | MENTALL, J | 02/04/1999 04/12/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO VERIFY UPDATES TO THE METOP SARR ICD. THIS CCR IS APPROVED; HOWEVER, CANNOT CLOSE DUE TO TYPO FOUND IN ISSUE 3/REV 0. IT WAS AGREED BY ESA THAT THEY WOULD PROVIDE CHANGE PAGES WITH CORRECTIONS. |
| CRM079 A | METOP SARR | POWER CONSUMPTION UPDATE | MENTALL, J | 04/22/1999 12/21/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO METOP SARR ICD ARE INCORPORATED. RETURNED TO ESA FOR RE-EVALUATION PER LETTER DATED 8/12/1999. RECEIVED ESA FAX (PTQ/0263/CF) ON 8/25/99 APPROVING RE-EVAL. THIS CCR IS APPROVED WITH CHANGE. AWAITING INCORPORATION OF CHANGE IN REVISED ICD |

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| CRM086 A | METOP SARR | INTRODUCTION OF TEST MATRIX | MENTALL, J | 04/21/1999 12/21/1999 | A 1 | APPROVED-OPEN ACTIONS: RETURNED TO ESA FOR RE-EVALUATION PER LETTER DATED 8/12/1999. RECEIVED ESA FAX (PTZ/0263/CF) DATED 8/25/99 APPROVING RE-EVAL. THIS CCR IS APPROVED WITH CHANGE. AWAITING INCORPORATION OF CHANGE IN REVISED ICD. |
| CRM091 | METOP AMSU-A1/A2 | AMSU-A METOP ICD, ANALOG TEMPERATURE TLM FAULT LIMITS | KRIMCHANSKY, S | 03/16/1999 09/08/1999 | A 1 | APPROVED-OPEN ACTIONS: TECH LEAD NEEDS TO VERIFY THAT CRM 141 SUPERSEDEDS THIS CRM PER ESA RECOMMENDATIONS. AWAITING INCORPORATION OF CHANGES TO UPDATED ICD. RECEIVED FAX FROM ESA . FORWARDED TO S. KRIMCHANSKY & D. CROSBY FOR ACTION/ RESPONSE TO ESA. |
| CRM098 | METOP SEM | VARIOUS UPDATES | CARDONE, J | 04/16/1999 05/28/1999 | A 1 | THIS CCR IS APPROVED; HOWEVER, CANNOT CLOSE BECAUSE NOT ALL CHANGES FOR THIS CCR WERE INCORPORATED INTO ISSUE 3/REV 0. IT WAS AGREED IN CM MEETING IN 7/99 THAT ESA WOULD PROVIDE CHANGE PAGES WITH CORRECTIONS. |
| CRM107 | METOP SARR | CAPACITANCE IN 10 V BUS | MENTALL, J | 04/22/1999 12/21/1999 | A 1 | RETURNED TO ESA FOR RE-EVALUATION PER LETTER DATED 8/12/1999. RECEIVED ESA FAX (PTQ/0263/CF) DATED 8/25/199 APPROVING RE-EVAL. THIS CCR IS APPROVED WITH CHANGE BY NASA. AWAITING INCORPORATION OF CHANGE TO REVISED ICD. NASA/NOAA LETTERS CORRECTING ERROREOUS DESCRIPTION FAXED TO C. FRANSEN 2/7/00. |
| CRM108 | METOP HIRS | REPLACEMENT OF INTERFACE DRAWINGS | MENTALL, J | 04/22/1999 05/28/1999 | A 1 | THIS CCR IS APPROVED; HOWEVER, RUDI HALM REQUESTED THAT THIS CCR NOT BE CLOSED BECAUSE, PER RUDI HALM, DWGS VS AS-BUILT NEEDS TO BE CONFIRMED BY ESA. R. HALM TO MEET W/SPAR TO VERIFY DWGS. |

Polar Operational Environmental Satellites

CCR Status

Open records - Status= A H P

| STATUS KEY | |
|-----------------|--------------------|
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| Pending = P | Withdrawn = W |
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|-------------|----------------------------|---|-------------------------------|--------------------------------|-----------------------------|---|
| CRM108 | | | | | | E-MAIL SENT TO R. HALM REQUESTING STATUS ON 12/3/99. |
| CRM109 | METOP SEM | UPDATE OF TABLE 3.2.3-2 | CARDONE, J | 04/22/1999 07/06/1999 | A 1 | APPROVED-OPEN ACTIONS: NEED ICD UPDATE. |
| CRM114 A | METOP HIRS | HIRS TIMING - METOP | RICHARDSON, C | 07/12/1999 10/01/1999 | A 1 | APPROVED-OPEN ACTIONS: AWAITING UPDATED ICD CHANGE PAGES FROM ESA. 5/24/01 - PAGE 3.21 IN METOP HIRS ICD ISSUE 4 DRAWING NOT CORRECT PER CRM - ROBERTO TO DISCUSS W/ ESA. |
| CRM128 B | METOP AMSU-A2 | METOP AMSU-A2 ICD CHANGES | KRIMCHANSKY, S | 10/27/1999 12/08/1999 | A 1 | APPROVED-OPEN ACTIONS: 1-ALEMAN OBTAIN UPDATED TO METOP AMSU-A2 ICD. 2-CMO VERIFY UPDATES TO METOP AMSU AM2-ICD. AS REQUESTED DURING THE 10/27/99 MEETING AT AEROJET, CRM 0128 HAS BEEN DIVIDED INTO CRMs 0128A AND 0128B. |
| CRM129 | METOP SARR | SARR METOP ICD, EMERGENCY SWITCH-OFF SEQUENCE | MENTALL, J | 09/03/1999 10/01/1999 | A 1 | APPROVED-OPEN ACTIONS: AWAITING UPDATED ICD CHANGES FROM ESA. |
| CRM131 | METOP AVHRR | AVHRR METOP ICD, UPDATE OF APPLICABLE DOCUMENTS | PSZCOLKA, S | 09/30/1999 02/16/2000 | H 1 | NASA/NOAA APPROVED FOR RE-EVALUATION. LETTER SENT TO ESA ON 3/22/00. AWAITING ESA RESPONSE. 5/24/01 - CHANGES NOT IN METOP AVHRR ICD ISS. 4 |
| CRM132 A | METOP SARR | CHANGES TO THE METOP SARR ICD (ISSUE 3/REV 0) | ALEMAN, R MENTALL, J | 11/02/2000 11/20/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE SARR ICD. |

Polar Operational Environmental Satellites

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|-------------|----------------------------|--|-------------------------------|--------------------------------|-----------------------------|---|
| CRM133 | METOP AMSU-A1/A2 | MAXIMUM ALLOWED RF INTERFERENCE, AMSU-A1 & -A2 | KRIMCHANSKY, S ESA | 11/23/1999 | H 1 | RETURNED TO ESA FOR RE-EVALUATION. NASA & NOAA LETTERS FAXED TO C. FRANSEN ON 2/7/2000. |
| CRM134 | METOP AMSU-A1 | CLARIFICATIONS OF DIGITAL B AVAILABILITY, AMSU-A1 | KRIMCHANSKY, S | 12/06/1999 02/16/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING INCORPORATION OF CHANGES TO ICD. |
| CRM135 | METOP AMSU-A2 | CLARIFICATIONS OF DIGITAL B AVAILABILITY, AMSU-A2 | KRIMCHANSKY, S | 12/06/1999 02/16/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING INCORPORATION OF CHANGES TO ICD. |
| CRM136 | METOP AMSU-A2 | CHANGE TELECOMMAND MNEMONIC, AMSU-A2 | KRIMCHANSKY, S | 12/06/1999 02/16/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING INCORPORATION OF CHANGES TO ICD. |
| CRM137 | METOP SEM | SEM-2 FM4 +28 VOLT MAIN BUS COMMON MODE CONDUCTED EMISSIONS WAIVER (F4-001) | CARDONE, J | 12/08/1999 02/11/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING INCORPORATION OF CHANGES TO ICD. |
| CRM138 | METOP AMSU-A | +10V INTERFACE BUS; SMALL SIGNAL IMPEDANCE ESA WAIVER AND DEVIATION MO-RW-SES-NIU-0001 FOR THE NIU) AFFECTED INSTRUMENTS: AMSU-A1/AMSU-A2, HIRS/AVHRR, SEM) | ALEMAN, R | 12/10/1999 | H 1 | ON HOLD PENDING PREINTEGRATION TESTING AT DISS ISSUES. 7/14/00: PER C. RICHARDSON NCRs 24 & 30 ARE STILL OPEN. IN REVIEW RESPONSES DUE 1/7/2000. AWAITING RESPONSE FROM PSZCOLKA. |
| | METOP AMSU-A2 | +10V INTERFACE BUS; SMALL SIGNAL IMPEDANCE ESA WAIVER AND DEVIATION MO-RW-SES-NIU-0001 FOR THE NIU) AFFECTED INSTRUMENTS: AMSU-A1/AMSU-A2, HIRS/AVHRR, SEM) | ALEMAN, R | 12/10/1999 | H 1 | ON HOLD PENDING PREINTEGRATION TESTING AT DISS ISSUES. 7/14/00: PER C. RICHARDSON NCRs 24 & 30 ARE STILL OPEN. IN REVIEW RESPONSES DUE 1/7/2000. AWAITING RESPONSE FROM PSZCOLKA. |
| | METOP HIRS | +10V INTERFACE BUS; SMALL SIGNAL IMPEDANCE ESA WAIVER AND DEVIATION MO-RW-SES-NIU-0001 FOR THE NIU) AFFECTED INSTRUMENTS: AMSU-A1/AMSU-A2, HIRS/AVHRR, SEM) | ALEMAN, R | 12/10/1999 | H 1 | ON HOLD PENDING PREINTEGRATION TESTING AT DISS ISSUES. 7/14/00: PER C. RICHARDSON NCRs 24 & 30 ARE STILL OPEN. |

Polar Operational Environmental Satellites

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|-------------|----------------------------|--|-------------------------------|--------------------------------|-----------------------------|--|
| CRM138 | | | | | | IN REVIEW RESPONSES DUE 1/7/2000. AWAITING RESPONSE FROM PSZCOLKA. |
| CRM138 | METOP AVHRR | +10V INTERFACE BUS; SMALL SIGNAL IMPEDANCE ESA WAIVER AND DEVIATION MO-RW-SES-NIU-0001 FOR THE NIU) AFFECTED INSTRUMENTS: AMSU-A1/AMSU-A2, HIRS/AVHRR, SEM) | ALEMAN, R | 12/10/1999 | H 1 | ON HOLD PENDING PREINTEGRATION TESTING AT DISS ISSUES. 7/14/00: PER C. RICHARDSON NCRs 24 & 30 ARE STILL OPEN. IN REVIEW RESPONSES DUE 1/7/2000. AWAITING RESPONSE FROM PSZCOLKA. |
| | METOP SEM | +10V INTERFACE BUS; SMALL SIGNAL IMPEDANCE ESA WAIVER AND DEVIATION MO-RW-SES-NIU-0001 FOR THE NIU) AFFECTED INSTRUMENTS: AMSU-A1/AMSU-A2, HIRS/AVHRR, SEM) | ALEMAN, R | 12/10/1999 | H 1 | ON HOLD PENDING PREINTEGRATION TESTING AT DISS ISSUES. 7/14/00: PER C. RICHARDSON NCRs 24 & 30 ARE STILL OPEN. IN REVIEW RESPONSES DUE 1/7/2000. AWAITING RESPONSE FROM PSZCOLKA. |
| CRM139 | METOP AVHRR | ANALOG HOUSEKEEPING TELEMETRY; MEASUREMENT ACCURACY WAIVER AND DEVIATION MO-RW-SES-NIU-0003 FOR THE NIU (AFFECTED INSTRUMENTS: AMSU-A1/AMSU-A2, HIRS/AVHRR, SEM) | ALEMAN, R | 12/21/1999 | P 1 | 4/25/01: FRANSEN EMAIL-Waiver MO.RW.SES.NIU.0003 has been sent to NASA for assessment 12/11/99 Reminder sent to NASA 8/8/2000. NASA responded that assessment waits for closure of NCR's 24 and 30. 7/14/00: PER C. RICHARDSON NCRs 24 & 30 ARE STILL OPEN. FORWARDED RESPONSES TO ALEMAN. |
| | METOP HIRS | ANALOG HOUSEKEEPING TELEMETRY; MEASUREMENT ACCURACY WAIVER AND DEVIATION MO-RW-SES-NIU-0003 FOR THE NIU (AFFECTED INSTRUMENTS: AMSU-A1/AMSU-A2, HIRS/AVHRR, SEM) | ALEMAN, R | 12/21/1999 | P 1 | 4/25/01: FRANSEN EMAIL-Waiver MO.RW.SES.NIU.0003 has been sent to NASA for assessment 12/11/99 Reminder sent to NASA 8/8/2000. NASA responded that assessment waits for closure of NCR's 24 and 30. 7/14/00: PER C. RICHARDSON NCRs 24 & 30 ARE STILL OPEN. FORWARDED RESPONSES TO ALEMAN. |
| | METOP AMSU-A1/A2 | ANALOG HOUSEKEEPING TELEMETRY; MEASUREMENT ACCURACY WAIVER AND DEVIATION MO-RW-SES-NIU-0003 | ALEMAN, R | 12/21/1999 | P 1 | 4/25/01: FRANSEN EMAIL-Waiver MO.RW.SES.NIU.0003 has been sent to NASA for assessment 12/11/99 Reminder sent to NASA 8/8/2000. NASA responded that assessment waits for |

Polar Operational Environmental Satellites

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|-------------|----------------------------|--|----------------------------------|--------------------------------|-----------------------------|---|
| CRM139 | | FOR THE NIU (AFFECTED INSTRUMENTS: AMSU-A1/AMSU-A2, HIRS/AVHRR, SEM) | | | | closure of NCR's 24 and 30. 7/14/00: PER C. RICHARDSON NCRs 24 & 30 ARE STILL OPEN. FORWARDED RESPONSES TO ALEMAN. |
| CRM139 | METOP SEM | ANALOG HOUSEKEEPING TELEMETRY; MEASUREMENT ACCURACY WAIVER AND DEVIATION MO-RW-SES-NIU-0003 FOR THE NIU (AFFECTED INSTRUMENTS: AMSU-A1/AMSU-A2, HIRS/AVHRR, SEM) | ALEMAN, R | 12/21/1999 | P 1 | 4/25/01: FRANSEN EMAIL-Waiver MO.RW.SES.NIU.0003 has been sent to NASA for assessment 12/11/99 Reminder sent to NASA 8/8/2000. NASA responded that assessment waits for closure of NCR's 24 and 30. 7/14/00: PER C. RICHARDSON NCRs 24 & 30 ARE STILL OPEN. FORWARDED RESPONSES TO ALEMAN. |
| CRM141 | METOP AMSU-A1/A2 | AMSU-A1/A2 ANALOG HK TELEMETRY FAULT VOLTAGE EMISSION/PROTECTION CHANGES | KRIMCHANSKY, S | 12/21/1999 02/16/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING INCORPORATION OF CHANGES TO ICD. |
| CRM142 | METOP AMSU-A1/A2 | AMSU-A1/A2 LINE OF SITE CO-REGISTRATION | KRIMCHANSKY, S | 12/23/1999 | P 1 | OUT FOR REVIEW. WAITING FOR RESPONSE FROM P. GREEN/NESDIS |
| CRM143 | METOP SEM | CLARIFICATIONS OF BONDING DIAGRAM, POWER DISTRIBUTION DIAGRAM AND TELECOMMAND VERIFICATION | CARDONE, J | 01/24/2000 03/15/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING INCORPORATION OF CHANGES TO ICD. |
| CRM144 | METOP SEM | REMOVAL OF TBC/TBD'S IN INSTRUMENT MOUNTING TABLE, RADIATED EMISSION AND SUSCEPTIBILITY TABLES | CARDONE, J | 01/24/2000 03/21/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING INCORPORATION OF CHANGE TO ICD. |
| CRM145 A | METOP HIRS | PIN ALLOCATION CLOCK CONNECTOR P01 (MO-ICP-ES-NO-0237) | RICHARDSON, C MARSHALL, S | 09/12/2000 11/14/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE BILATERAL MOD. 2-CMO COMPLETE TECH PUBS ON THE HIRS EXCEPTIONS ICD GSFC S-480-131. 5/23/01 - CHANGES WERE INCORPORATED INTO METOP |

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|-------------|----------------------------|---|-------------------------------|--------------------------------|-----------------------------|--|
| CRM145 A | | | | | | HIRS ICD, ISSUE 4. |
| CRM148 | METOP AVHRR | EMC/EMI TEST REQUIREMENTS | RICHARDSON, C PSZCOLKA, S | 01/24/2000 05/30/2001 | A 1 | <p>APPROVED-OPEN ACTIONS:</p> <p>1-CMO OBTAIN AND VERIFY UPDATES TO METOP AVHRR ICD.</p> <p>2-RICHARDSON WRITE NEW CRM TO INCORPORATE ITT COMMENTS INTO THE AVHRR EXCEPTIONS ICD. CRM148 MAY BE CLOSED AND NOT HELD OPEN PENDING COMPLETION OF THIS ACTION.</p> <p>3-PARKER ISSUE EUMETSAT LETTER FOR MIGNOGNO SIGNATURE.</p> <p>Note - ITT APPROVED CRM148 BUT WANTS A NEW CCR WRITTEN TO ADDRESS ITT COMMENTS. THIS CRM AFFECTS ONLY METOP AVHRR ICD, NOT THE AVHRR EXCEPTIONS DOC.</p> <p>CCB DIRECTIVE TO MCCAIN FOR APPROVAL 5/22/01.</p> <p>ACTIONS:</p> <p>1. CMO OBTAIN AND VERIFY METOP AVHRR ICD.</p> <p>2. C. RICHARDSON TO WRITE NEW CRM TO INCORPORATE ADDITIONAL CHANGES TO EMC/EMI TEST REQUIREMENTS INTO THE AVHRR EXCEPTIONS DOCUMENT AS REQUESTED BY ITT.</p> <p>3. ESA LETTER</p> <p>4. EUMETSAT LETTER</p> |
| CRM149 | METOP SARR | REMOVAL OF TBC/TBD'S IN INSTRUMENT MOUNTING TABLE, RADIATED EMISSION TABLES AND RADIATED SUSCEPTIBILITY | MENTALL, J | 01/24/2000 03/23/2000 | A 1 | <p>APPROVED-OPEN ACTIONS:</p> <p>AWAITING INCORPORATION OF CHANGES TO ICD.</p> |
| CRM155 | METOP SARR | SARR F13 & UP OFF PWR INCREASE | MENTALL, J | 03/27/2000 04/15/2000 | A 1 | <p>APPROVE-OPEN ACTIONS:</p> <p>1-ALEMAN OBTAIN UPDATES TO SARR ICD.</p> <p>2-CMO VERIFY B/L UPDATES ARE INCORPORATED.</p> |

Polar Operational Environmental Satellites

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|-------------|----------------------------|---|-------------------------------|--------------------------------|-----------------------------|---|
| CRM155 | | | | | | NOTE-NOAA LETTER RECEIVED 3/29/01. |
| CRM157 | METOP SEM | SEM METOP PROVISION OF RADIOACTIVE SOURCES | CARDONE, J | 06/06/2000 06/29/2000 | A 2 | APPROVED-OPEN ACTIONS: 1-ALEMAN OBTAIN UPDATE TO SEM ICD. 2-CMO VERIFY UPDATES TO SEM ICD. |
| CRM158 | METOP SEM | SEM METOP TELECOMMAND VERIFICATION TIMING | CARDONE, J | 06/06/2000 07/10/2000 | A 2 | APPROVED WITH CHANGE-OPEN ACTIONS: AWAITING UPDATED ICD. APPROVED WITH CHANGE. PER R. ALEMAN, CCR SECTION 2 IS CHANGED TO DELETE LAST SENTENCE "THE ICD..." |
| CRM160 A | METOP HIRS/4 | METOP HIRS SPACE TARGET ADDITION | RICHARDSON, C | 12/09/2000 01/11/2001 | A 1 | APPROVE-OPEN ACTION: NEED ICD UPDATES. (5/23/01 - Changes not made as of ICD, Issue 4, "SST to assess") |
| CRM161 | METOP SEM | METOP SEM--DELETION OF SHOC K RECORDERS, HUMIDITY INDICATORS AND WITNESS PLATES | CARDONE, J | 08/11/2000 09/02/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING ICD UPDATE. |
| CRM162 A | METOP HIRS | CLOCK SIGNAL INTERFACE (MO-ICP-ESA-NO-0284) | RICHARDSON, C | 01/10/2001 02/15/2001 | A 1 | APAPPROVED-OPEN ACTIONS: 1-CMO COMPLETE TECH PUBS ON THE HIRS EXCEPTIONS ICD. 2-MARSHALL ISSUE MOD. 5/24/01 - CHANGES INCORPORATED IN METOP HIRS ICD, ISSUE 4. |
| CRM163 | METOP SARR | METOP SARR CHANGES TO ICD DOCUMENTATION GROUNDING AND ISOLATION AND OFF MODE SEQUENCE | ALEMAN, R MENTALL, J | 09/26/2000 11/01/2000 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE SARR ICD. SSST APPROVED ON 5/3/01, PTQ/0832/CF. |

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|-------------|----------------------------|---|-------------------------------|--------------------------------|-----------------------------|--|
| CRM164 | METOP AMSU-A1 | OPERATIONAL MODES FOR AMSU-A1 (MO-ICP-ESA-NO-0206, REV.1) | KRIMCHANSKY, S | 10/03/2000 11/01/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING ICD UPDATE. |
| CRM165 | METOP AMSU-A2 | OPERATIONAL MODES FOR AMSU-A2 (MO-ICP-ESA-NO-0214, REV. 1) | KRIMCHANSKY, S | 10/03/2000 11/01/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING ICD UPDATE. |
| CRM166 | METOP AMSU-A1 | AMSU-A1 UPDATE OF METOP ICP (CONTROL MESSAGE (EGSE) SOFTWARE STE UPDATES) MO-ICP-ESA-NO-0282 | KRIMCHANSKY, S | 10/03/2000 11/01/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING ICD UPDATE. |
| CRM167 | METOP AMSU-A2 | AMSU-A2 UPDATE OF METOP ICP (CONTROL MESSAGE (EGSE) SOFTWARE STE UPDATES) MO-ICP-ESA-NO-0283 | | 10/03/2000 11/01/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING ICD UPDATE. |
| CRM168 | METOP SARR | SARR INTERFACE DRAWINGS UPDATE (MO-ICP-ESA-NO-0290) | MENTALL, J | 10/13/2000 | P 1 | 11/10/00: ESA wants to withdraw this CRM. Roberto needs to resolve. 11/6/00: The drawing that was used for the CRM was not the correct one. Drawing number 4564047 should have been used for this. Awaiting a revised ICP from ESA. |
| CRM169 | METOP SEM | SEM METOP UPDATE OF NIU FAULT VOLTAGE PROTECTION (MO-ICP-ESA-NO-303) | CARDONE, J | 10/30/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING ICD. |
| CRM170 | METOP SEM | SEM METOP UPDATE OF SIGNAL ELECTRICAL I/F DATA SHEETS (MO-ICP-ESA-NO-293) | CARDONE, J | 10/30/2000 | A 1 | APPROVED-OPEN ACTIONS: AWAITING ICD. |
| CRM171 | METOP AMSU-A1 | DIGITAL A TEMPERATURE MONITORNG WITHIN METOP ESGE FOR AMSU-A1 (MO-ICP-ESA-NO-0306) | KRIMCHANSKY, S | 11/02/2000 12/05/2000 | A 1 | APPROVE-OPEN ACTION: UPDATE ICD. |
| CRM172 | METOP AMSU-A2 | DIGITAL A TEMPERATURE MONITORING WITHIN METOP ESGE FOR AMSU-A2 (MO-ICP-ESA-NO-0307) | KRIMCHANSKY, S | 11/03/2000 12/05/2000 | A 1 | APPROVE-OPEN ACTION: UPDATE ICD. |

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|-------------|----------------------------|---|----------------------------------|--------------------------------|-----------------------------|---|
| CRM173 | METOP AMSU-A1 | VERIFICATION OF MODULE TOTALLY OFF COMMAND FOR AMSU-A1 (MO-ICP-ESA-NO-0308) | KRIMCHANSKY, S | 11/02/2000 12/05/2000 | A 1 | APPROVE-OPEN ACTION: UPDATE ICD. |
| CRM174 | METOP AMSU-A2 | VERIFICATION OF MODULE TOTALLY OFF COMMAND FOR AMSU-A2 (MO-ICP-ESA-NO-0309) | KRIMCHANSKY, S | 11/02/2000 12/05/2000 | A 1 | APPROVE-OPEN ACTION: UPDATE ICD. |
| CRM175 | METOP SARR | CHANGES TO SECTION 1.5 OF THE METOP SARR ICD (ISSUE 3/REV 0) | ALEMAN, R MENTALL, J | 11/02/2000 11/20/2000 | A 1 | APPROVED-OPEN ACTIONS. AWAITING ICD. |
| CRM176 | METOP HIRS | VERIFICATION OF DOOR DEPLOY COMMAND: ICP 305 | RICHARDSON, C MARSHALL, S | 11/17/2000 04/19/2001 | A 1 | APPROVED-OPENS ACTIONS: 1-MARSHALL ISSUE BILATERAL MOD. 2-NOAA ISSUE EUMETSAT LETTER. 3-CMO COMPLETE TECHNICAL PUBLICATIONS FOR HIRS EXCEPTIONS ICD, S-480-131. 4/24/01-SSST FRANSEN EMAIL-ALL PARTIES APPROVED, IMPLEMENTED IN ICD ISSUE 4/01. 5/24/01 - VERIFIED CHANGES INCORPORATED IN METOP HIRS ICD, ISSUE 4. |
| CRM177 A | METOP SEM | METOP SEM CHANGE OF SEM PURGE REQUIREMENTS (REV A) | CARDONE, J | 02/09/2001 04/03/2001 | A 1 | APPROVE-OPEN ACTIONS: TECH LEAD NEEDS TO RESOLVE ESA REJECTION. ESA REJECTION RECEIVED IN MEMO PTQ/0812/CF ON 5/2/01. APPROVED-OPEN ACTIONS: 1-PARKER TO PREPAR EUMETSAT LETTER 2-ALEMAN OBTAIN METOP SEM ICD UPDATE. 3-CMO VERIFY METOP SEM ICD IS UPDATED CORRECTLY. |
| CRM178 | METOP SARR | NIU FAULT VOLTAGE PROTECTION (MO-ICP-ESA-NO-0304) | MENTALL, J | 11/30/2000 01/07/2001 | A 1 | APPROVED-OPEN ACTIONS: PROVIDE SARR ICD UPDATES. |

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| CRM179 A | METOP AVHRR | METOP ICD UPDATES FOR EMI FILTERS | RICHARDSON, C | 04/02/2001 04/16/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE AVHRR AND HIRS METOP ICDS. 2-CMO COMPLETE TECH PUBS ON THE AVHRR AND HIRS ICD EXCEPTIONS DOCS. 3-MARSHALL ISSUE RFP AND BILATERAL MOD. 5/23/01 - STILL UNRESOLVED ISSUES, ESA "WAITING INDUSTRY APPROVAL", CHANGES NOT INCORPORATED IN METOP HIRS ICD ISSUE 4. |
| | METOP HIRS | METOP ICD UPDATES FOR EMI FILTERS | RICHARDSON, C | 04/02/2001 04/16/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE AVHRR AND HIRS METOP ICDS. 2-CMO COMPLETE TECH PUBS ON THE AVHRR AND HIRS ICD EXCEPTIONS DOCS. 3-MARSHALL ISSUE RFP AND BILATERAL MOD. 5/23/01 - STILL UNRESOLVED ISSUES, ESA "WAITING INDUSTRY APPROVAL", CHANGES NOT INCORPORATED IN METOP HIRS ICD ISSUE 4. |
| CRM180 | METOP SARR | GROUND AND ISOLATION CONCEPT DIAGRAM (MO-ICP-ESA-NO-0295) | MENTALL, J | 12/01/2000 12/17/2000 | A 1 | APPROVED-OPEN ACTION: 1-ALEMAN OBTAIN UPDATE TO SARR ICD FROM METOP. 2-CMO VERIFY UPDATES ARE INCORPORATED CORRECTLY. SSST APPROVED. CRM 180 IS IDENTICAL TO GROUND PART OF CRM163, PTQ/0832/CF DATED 5/3/01. |
| CRM181 | METOP SEM | METOP SEM-2 FM4 +28 VOLT MAIN BUS COMMON MODE CONDUCTED EMISSIONS | CARDONE, J | 12/11/2000 01/11/2001 | A 1 | APPROVE-OPEN ACTIONS 1-CMO VERIFY UPDATES ARE INCORPORATED CORRECTLY. 2-PARKER ISSUE EUMETSAT LETTER. SSST APPROVED, EMAIL FROM FRANSEN DATED 4/24/01. IMPLEMENTED IN ICD ISSUE 4/0. |

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Withdrawn = W

Not Applicable = X

| CCR Number: | Spacecraft: Instrument: | Title: | Tech Lead(s): Responsible: | Issued: Approvd: Closed: | Status: Class Change: | Memo: |
|-------------|----------------------------|--|-------------------------------|--------------------------------|-----------------------------|--|
| CRM182 | METOP AMSU-A1 | UPDATES TO ICP 0212, VARIOUS UPDATES FOR AMSU-A1 (MO-ICP-ESA-NO-0212, REV 1) | KRIMCHANSKY, S | 12/14/2000 01/07/2001 | A 1 | APPROVED-OPEN ACTIONS: NEED ICD UPDATES. |
| CRM183 | METOP AMSU-A2 | UPDATES TO ICP 0220, VARIOUS UPDATES FOR AMSU-A2 (MO-ICP-ESA-NO-0220, REV 1) | KRIMCHANSKY, S | 12/14/2000 04/19/2001 | A 1 | APPROVED-OPEN ACTIONS. CMO OBTAIN AND VERIFY CHANGES TO THE METOP AMSU-A2 ICD. |
| CRM184 | METOP SEM | METOP SEM-2 CONNECTION OF DPU SWTLM TO GROUND (MO-ICP-ESA-NO-0323) | CARDONE, J | 12/20/2000 | P | IN REVIEW CYCLE-DUE 12/28/00. |
| CRM185 A | METOP SEM | METOP SEM - THERMAL INTERFACE CONTROL DRAWINGS (ICDs) UPDATES REV. A | CARDONE, J | 05/17/2001 06/12/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE METOP SEM ICD. 2-NOAA/PARKER ISSUE MIGNOGNO APPROVAL LETTER. |
| CRM186 | HIRS | METOP DIGITAL B DEFINITION (MO-ICP-ESA-NO-0257) | RICHARDSON, C | 01/08/2001 | P 1 | COMMENTS FORWARDED TO TECH LEAD ON 3/8/01. NEED TO RESOLVE ITT COMMENTS. |
| CRM187 | METOP HIRS | DUST COVER USAGE FOR METOP EMI TESTING | RICHARDSON, C | 01/08/2001 04/20/2001 | A | APPROVED-OPEN ACTIONS: 1. LIETZKE ISSUE PR TO NAS5-30384. 2. MARSHALL ISSUE MOD TO NAS5-30384. 3. CMO OBTAIN AND VERIFY UPDATES TO THE HIRS AND AVHRR METOP ICDS. 4/24/01-SSST EMAIL FROM FRANSEN RELATED TO DCR0324 REV 1 AND DCR0325 REV 1, ALL PARTIES APPROVED, WAITING FOR ICD UPDATE . 5/24/01 - CHANGES NOT YET INCORPORATED AS OF METOP AVHRR ICD, ISSUE 4. |
| | METOP AVHRR | DUST COVER USAGE FOR METOP EMI TESTING | RICHARDSON, C | 01/08/2001 04/20/2001 | A | APPROVED-OPEN ACTIONS: 1. LIETZKE ISSUE PR TO NAS5-30384. 2. MARSHALL ISSUE MOD TO NAS5-30384. 3. CMO OBTAIN AND VERIFY UPDATES TO THE HIRS AND |

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CCR Status

Open records - Status= A H P

STATUS KEY

Approved = A

Closed = C

Disapproved = D

Hold = H

Pending = P

Withdrawn = W

Not Applicable = X

| CCR Number: | Spacecraft: Instrument: | Title: | Tech Lead(s): Responsible: | Issued: Approvd: Closed: | Status: Class Change: | Memo: |
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| CRM187 | | | | | | AVHRR METOP ICDS. 4/24/01-SSST EMAIL FROM FRANSEN RELATED TO DCR0324 REV 1 AND DCR0325 REV 1, ALL PARTIES APPROVED, WAITING FOR ICD UPDATE . 5/24/01 - CHANGES NOT YET INCORPORATED AS OF METOP AVHRR ICD, ISSUE 4. |
| CRM188 | METOP HIRS | METOP HIRS POWER UPDATES | RICHARDSON, C | 01/08/2001 06/04/2001 | A 1 | 6/8/01 - ESA DISAPPROVED CRM, THEREFORE WILL NOT UPDATE ICD BUT IS WAITING FOR RESULTS FROM FM INTEGRATION. NASA APPROVED - OPEN ACTIONS: 1. CMO OBTAIN/VERIFY UPDATED METOP HIRS ICD 2. J. PARKER PROVIDE NOAA APPROVAL LETTER 3. S. MARSHALL ISSUE MOD TO HIRS ITT CONTRACT |
| CRM189 | METOP SARR | METOP SARR: PROVISION OF ATTACHMENT BOLTS AND HEAD BOLT WASHERS (MO-ICP-ESA-NO-0265) | ALEMAN, R | 01/09/2001 05/04/2001 | A 1 | APPROVED-OPEN ACTIONS: Open Actions: 1-CMO OBTAIN and VERIFY UPDATES TO SARR METOP ICD. |
| CRM190 | METOP AVHRR | AVHRR NIU FAULT VOLTAGE PROTECTION (MO-ICP-ESA-NO-0301) | RICHARDSON, C | 01/19/2001 04/03/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-PARKER/NOAA ISSUE EUMETSAT APPROVAL LETTER. 2-LIETZKE ISSUE PR. 3-MARSHALL ISSUE MOD. 4-CMO COMPLETE TECH PBUS FOR AVHRR ICD EXCEPTIONS DOCUMENTS. |
| CRM191 | METOP AMSU-A1 | AMSU-A1 INSTRUMENT MOUNTING AND 1g LOADS (MO-ICP-ESA-NO-0268 REV 1) | KRIMCHANSKY, S | 02/01/2001 | P 1 | COMMENTS FORWARDED TO TECH LEAD ON 3/5/01. |
| CRM192 | METOP SARR | UPDATE OF SARR ICD APPLICABLE DOCUMENTS VERSION | ALEMAN, R | 02/01/2001 | A 1 | APPROVED. OPEN ACTIONS: PREPARE ESA APPROVAL LETTER. PREPARE EUMETSAT APPROVAL LETTER. ENSURE BASELINE SARR ICD IS UPDATED WITH APPROVED CHANGES. |

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CCR Status

Open records - Status= A H P

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| Approved = A | Closed = C |
| Disapproved = D | Hold = H |
| Pending = P | Withdrawn = W |
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| CRM193 | METOP SARR | SARR METOP COMMANDING SEQUENCES (MO-ICP-ESA-NO-320 REV 1) | CARDONE, J | 02/13/2001 04/04/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-ALEMAN OBTAIN UPDATED SARR ICD. 2-CMO VERIFY CHANGES ARE INCORPORATED CORRECTLY. SSST APPROVED. CRM193 ALSO INCLUDES THE OFF MOD SEQUENCE CHANGE OF CRM163, SSST MEMO PTQ/0832/CF DATED 5/3/01. |
| CRM194 | METOP SEM | SEM METOP MLI BLANKETS (MO-ICP-ESA-NO-327) | CARDONE, J | 02/13/2001 04/04/2001 | A 1 | APPROVE-OPEN ACTIONS: NEED EUMETSAT APPROVAL LETTER. NEED UPDATE TO SEM ICD. |
| CRM195 | METOP SEM | SEM METOP CONNECTION OF DPU SWTLM TO GROUND (MO-ICP-ESA-NO-323) | CARDONE, J | 02/13/2001 04/10/2001 | A 1 | APPROVED-OPEN ACTIONS: SEND EUMETSAT APPROVAL LETTER. VERIFY APPROVED CHANGES ARE INCORPORATED INTO SEM ICD. |
| CRM196 | METOP SEM | SEM METOP RISE TIME OF 1.248 MHz CLOCK SIGNAL (MO-ICP-ESA-NO-253) | CARDONE, J | 02/13/2001 04/04/2001 | A 1 | APPROVED-OPEN ACTIONS: NOAA PREPARE EUMETSAT LETTER. CMO VERIFY APPROVED CHANGES ARE IMPLEMENTED CORRECTLY INTO SEM ICD. |
| CRM197 | METOP SEM | SEM METOP CHANGE OF E-FIELD LEVELS (MO-ICP-ESA-NO-330) | CARDONE, J | 02/13/2001 04/04/2001 | A 1 | APPROVED-OPEN ACTIONS: CMO VERIFY APPROVED CHANGES ARE IMPLEMENTED INTO SEM ICD. |
| CRM198 | METOP HIRS | HIRS METOP RISE TIME OF 1.248 MHz CLOCK SIGNAL (MO-ICP-ESA-NO-253) | CARDONE, J | 02/13/2001 04/04/2001 | A 1 | APPROVE-OPEN ACTIONS: 1-CMO OBTAIN AND VERIFY UPDATES TO THE HIRS METOP ICD. 5/24/01 - CHANGES NOT YET MADE AS OF METOP HIRS ICD ISSUE 4. |
| CRM199 | METOP AMSU-A1/A2 | AMSU-A1/A2 METOP RISE TIME OF 1.248 MHz CLOCK SIGNAL (MO-ICP-ESA-NO-253) | CARDONE, J | 02/13/2001 | H 1 | ON HOLD PENDING METOP THERMAL VACUUM TEST. |

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| Disapproved = D | Hold = H |
| Pending = P | Withdrawn = W |
| | Not Applicable = X |

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| CRM200 | METOP AMSU-A1 | AMSU-A1 METOP INVERSION OF PLL SIGNAL LOGIC LEVELS (MO-ICP-ESA-NO-321 REV 2) | CARDONE, J | 02/13/2001 04/03/2001 | A 1 | APPROVED-OPEN ACTIONS: CMO VERIFY APPROVED CHANGES ARE IMPLEMENTED IN THE AMSU-A1 ICD. |
| CRM201 | METOP HIRS | HIRS METOP INTRODUCTION OF FACE MASKS DURING AIT AND DELETION OF PTU FROM DELIVERABLES LIST (MO-ICP-ESA-NO-333) | LIPTAK, J. | 03/12/2001 04/10/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-PARKER ISSUE EUMETSAT APPROVAL LETTER. 2-CMO PERFORM TECH PUBS FOR HIRS EXCEPTIONS METOP ICD. 3-CMO OBTAIN AND VERIFY UPDATES TO THE HIRS METOP ICD. 4/24/01-EMAIL FROM FRANSEN-APPROVED BY NASA, STILL OPEN AT METOP INDUSTRY. |
| CRM202 | METOP AVHRR | AVHRR METOP INTRODUCTION OF FACE MASKS DURING AIT AND DELETION OF PTU FROM DELIVERABLES LIST (MO-ICP-ESA-NO-332) | CARDONE, J | 03/12/2001 04/10/2001 | A 1 | APPROVED-OPEN ACTIONS: 1.NOAA ISSUE EUMETSAT APPROVAL LETTER. 2-CMO OBTAIN AND VERIFY UPDATES TO THE AVHRR METOP ICD. 4/24/01-EMAIL FROM FRANSEN-STILL OPEN AT METOP INDUSTRY. |
| CRM203 | METOP AVHRR | BASEPLATE PAINTING FOR HIRS AND AVHRR | RICHARDSON, C | 04/02/2001 | P 1 | COMMENTS FORWARDED TO TECH LEAD FROM ITT ON 4/30/01. |
| | METOP HIRS | BASEPLATE PAINTING FOR HIRS AND AVHRR | RICHARDSON, C | 04/02/2001 | P 1 | COMMENTS FORWARDED TO TECH LEAD FROM ITT ON 4/30/01. |
| CRM204 | METOP HIRS | HIRS ICP 302 ANALOG HK TLM LOAD CIRCUIT FAULT VOLTAGE PROTECTION | RICHARDSON, C | 04/05/2001 05/01/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-MARSHALL ISSUE MOD. |
| CRM205 | METOP | AMSU A1/A2 UPDATE OF RD9, SPACECRAFT INTEGRATION MANUAL AE-26707 TO JAN. 2000 | LIPTAK, E. | 04/19/2001 05/13/2001 | A 1 | APPROVE-OPEN ACTIONS: 1-NOAA/PARKER ISSUE EUMETSAT LETTER. 2-ALEMAN OBTAIN AMSU A1 AND AMSU A2 METOP ICD UPDATES FROM SSST. 3-CMO VERIFY UPDATES TO AMSU A1 AND AMSU A2 METOP |

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| CRM205 | | | | | | ICDS. |
| CRM206 | METOP AMSU-A1 | AMSU A1 ICP 335 (Unique Mode Switching), 357 (Alignment Tolerances), 360 (TBD/TBCs), 205 (Update Ref. Doc.), 210 (Update Power Interfaces) | KRIMCHANSKY, S LIPTAK, M. | 04/20/2001 05/13/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-NOAA/PARKER ISSUE EUMETSAT APPROVAL. 2-ALEMAN OBTAIN UPDATES TO THE AMSU A1 METOP ICD. 3-CMO VERIFY UPDATES TO THE AMSU A1 METOP ICD. |
| CRM207 | METOP AMSU-A2 | AMSU A2 ICP 213 (Update Ref. Doc.), 218 (Update Power Interfaces), 356 (Unique Mode Switching), 358 (Alignment Tolerances), 359 (Mech. Interface Drawing), 361 (TBD/TCPs) | KRIMCHANSKY, S LIPTAK, M. | 04/20/2001 05/13/2001 | A 1 | APPROVED-OPEN ACTIONS: 1-NOAA/PARKER ISSUE EUMETSAT APPROVAL. 2-ALEMAN OBTAIN UPDATES TO THE AMSU-A2 METOP ICD. 3-CMO VERIFY UPDATES TO THE AMSU-A2 METOP ICD. |
| CRM208 | METOP AMSU-A1 | AMSU-A1/A2 LIFTING FIXTURES | LIPTAK, M. | 05/09/2001 06/01/2001 | A 1 | APPROVED -- OPEN ACTION: 1-CMO OBTAIN AND VERIFY INCORPORATION INTO METOP AMSU A1 & A2 ICDs. 2-PARKER ISSUE EUMETSAT APPROVAL LETTER. |
| | METOP AMSU-A2 | AMSU-A1/A2 LIFTING FIXTURES | LIPTAK, M. | 05/09/2001 06/01/2001 | A 1 | APPROVED -- OPEN ACTION: 1-CMO OBTAIN AND VERIFY INCORPORATION INTO METOP AMSU A1 & A2 ICDs. 2-PARKER ISSUE EUMETSAT APPROVAL LETTER. |